

**SONY®**

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DIGITAL VIDEOCASSETTE RECORDER

**DSR-80/80P**

DIGITAL VIDEOCASSETTE PLAYER

**DSR-60/60P**

SDI OUTPUT BOARD

**DSBK-100**

**DSBK-100P**

QSDI OUTPUT BOARD

**DSBK-110**

**DSBK-110P**

SDI INPUT/OUTPUT BOARD

**DSBK-120**

**DSBK-120P**

TIME CODE INPUT/OUTPUT BOARD

**DSBK-130**

**DSBK-130P**

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**SERVICE MANUAL**

Vol. 2 (1st Edition/Revised 1)

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## このマニュアルについて

本書は、デジタルカセットレコーダー DSR-80 およびデジタルカセットプレーヤー DSR-60 とそのオプション基板である SDI 出力ボード DSBK-100、QSDI 出力ボード DSBK-110、SDI 入出力ボード DSBK-120、タイムコード入出力ボード DSBK-130 のサービスマニュアル Vol. 2 です。本書では、ブロックダイアグラム、マウント図、回路図、パーツリストを記載しています。

## 構成

本書の構成を把握していただくために、全章の概略を以下に説明します。

- 第11章    **BLOCK DIAGRAMS**  
各基板の機能や信号の流れを示すブロック図を掲載しています。
- 第12章    **BOARD LAYOUTS**  
全プリント基板のパターンとシンボル図を掲載しています。
- 第13章    **SCHEMATIC DIAGRAMS**  
全プリント基板の回路図を掲載しています。
- 第14章    **SEMICONDUCTOR PIN ASSIGNMENTS**  
使用半導体の外形およびICについては概略の機能ブロックや、ピン名称を記載しています。
- 第15章    **SPARE PARTS AND OPTIONAL FIXTURES**  
セットの全サービス部品を記載しています。

## Introducing this manual

This manual is the Service Manual Vol. 2 of the digital videocassette recorder model DSR-80/80P and the digital videocassette player model DSR-60/60P and the option board SDI output board DSBK-100/100P, QSDI output board DSBK-110/110P, SDI input/output board DSBK-120/120P time code input/output board DSBK-130/130P. This manual contains block diagrams, board layouts, schematic diagrams and parts lists.

## Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

- Section 11    **BLOCK DIAGRAMS**  
Illustrates the block diagrams which show each board function and signal flow.
- Section 12    **BOARD LAYOUTS**  
Shows the board layouts of all circuit boards.
- Section 13    **SCHEMATIC DIAGRAMS**  
Shows the schematic diagrams of all circuit boards.
- Section 14    **SEMICONDUCTOR PIN ASSIGNMENTS**  
Shows the external dimensions of the semiconductors used, and describes outlines of the function blocks and pin names of the ICs.
- Section 15    **SPARE PARTS AND OPTIONAL FIXTURES**  
Describes the all service parts of the unit.

## 関連マニュアル

本機には、この「サービスマニュアル Vol. 2」の他に、下記のマニュアルが用意されています。

- **取扱説明書（本機に付属しています）**

**DSR-60**

部品番号：3-859-820-01

**DSR-80**

部品番号：3-860-358-02

本機を実際に運用および操作するのに必要な情報を記載しています。

- **サービスマニュアル vol.1（本機に付属していません）**

部品番号：9-977-695-13

本機の保守に関する情報と、部品交換および調整などのサービスに関する情報を記載しています。

## Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- **Operating Instructions (Supplied with equipment)**

**DSR-60/60P**

Parts number : 3-859-820-11 (English, for UC, CE)

3-859-820-21 (French, for UC, CE)

3-859-820-31 (German, for CE)

3-859-820-41 (Italian, for CE)

**DSR-80/80P**

Parts number : 3-860-358-13 (English, for UC, CE)

3-860-358-23 (French, for UC, CE)

3-860-358-33 (German, for CE)

3-860-358-43 (Italian, for CE)

Explains how to operate this equipment.

- **Service Manual Vol. 1 (Not supplied with equipment)**

Parts number : 9-977-696-13

Contains the maintenance information and servicing information necessary for parts replacement and adjustment.

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3. サービスインフォメーション
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6. 機構部品交換
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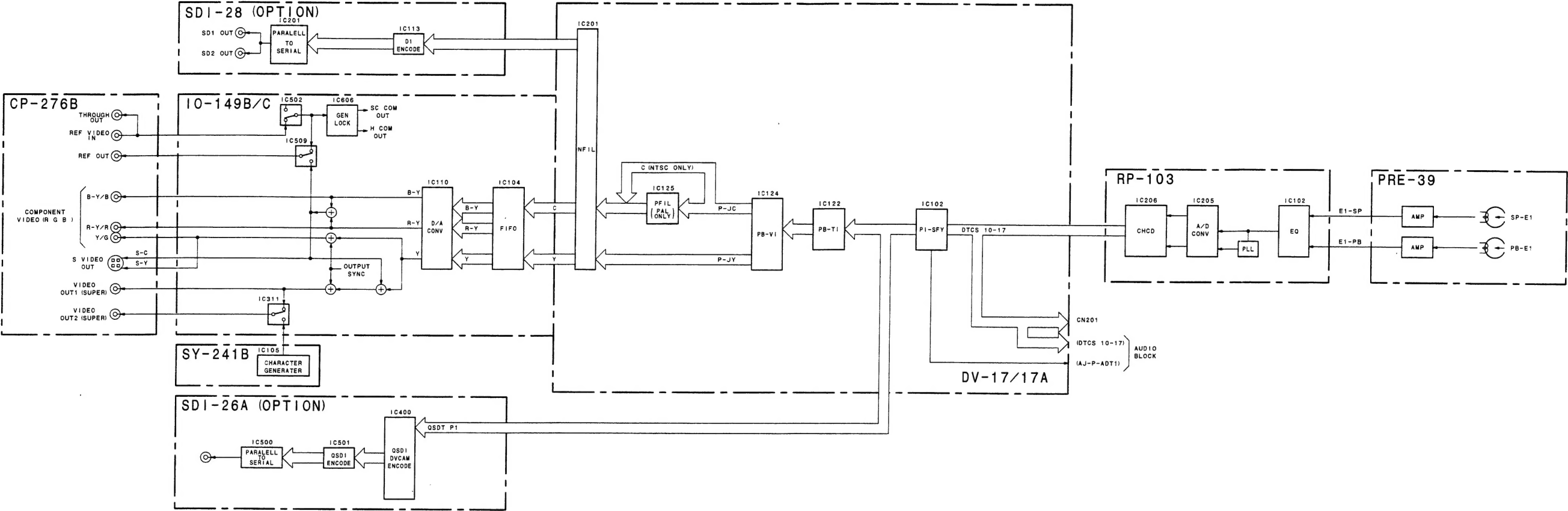
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SECTION 11  
BLOCK DIAGRAMS

DSR-60/60P

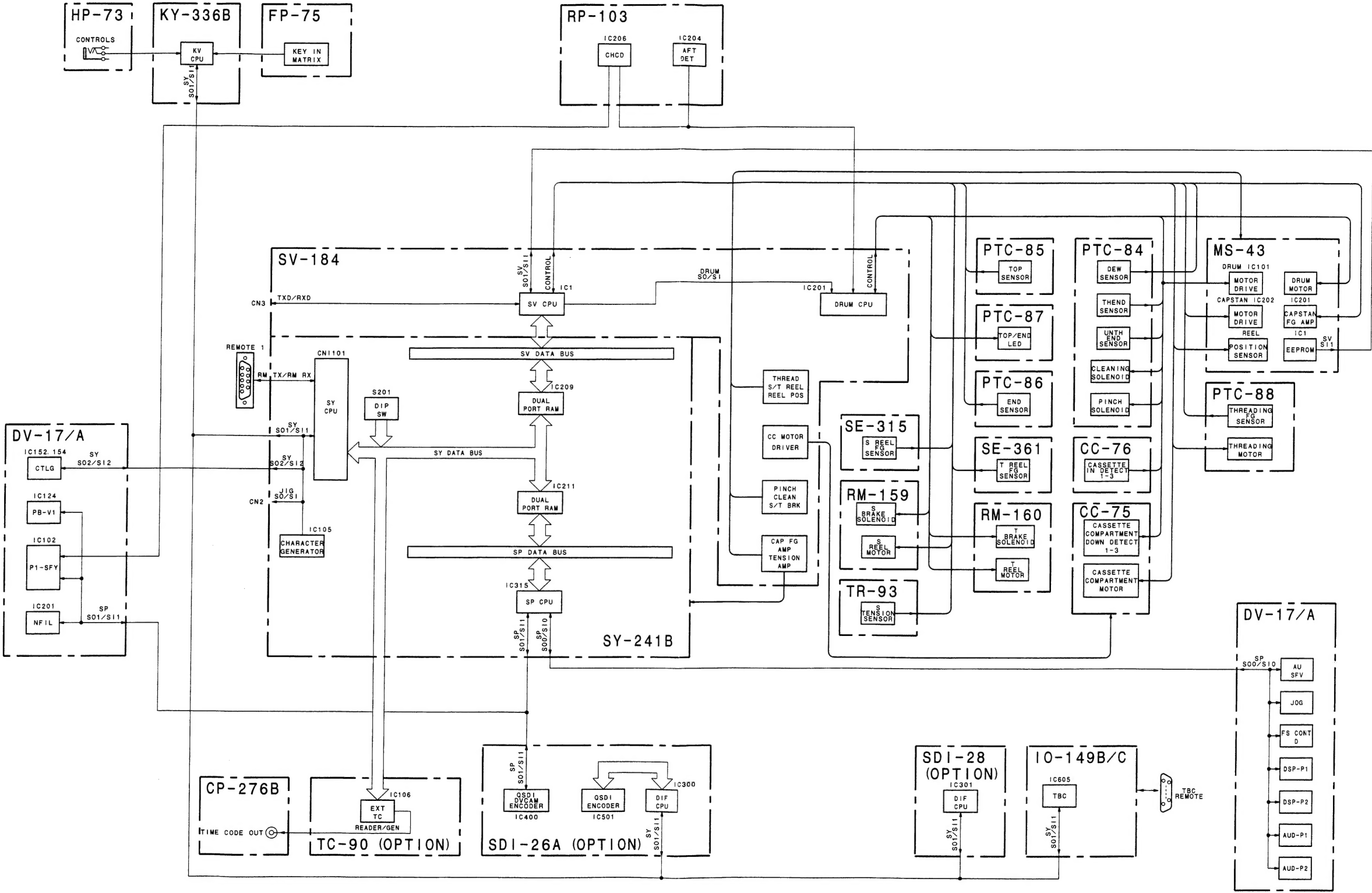
DSR-60/60P

OVERALL BLOCK (1/2)



OVERALL BLOCK (1/2)  
MODEL DSR-60/60P

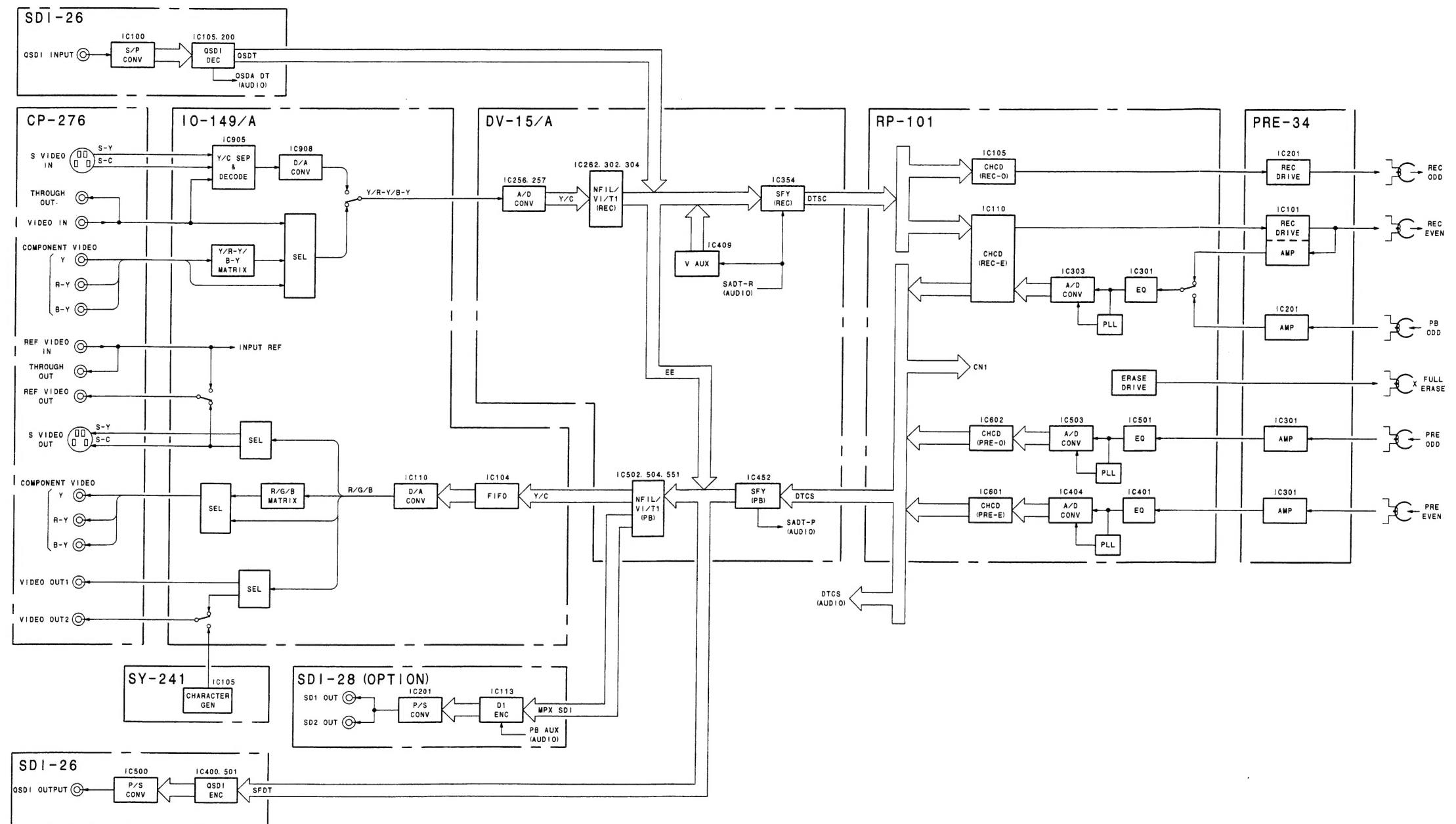
OVERALL BLOCK (2/2)



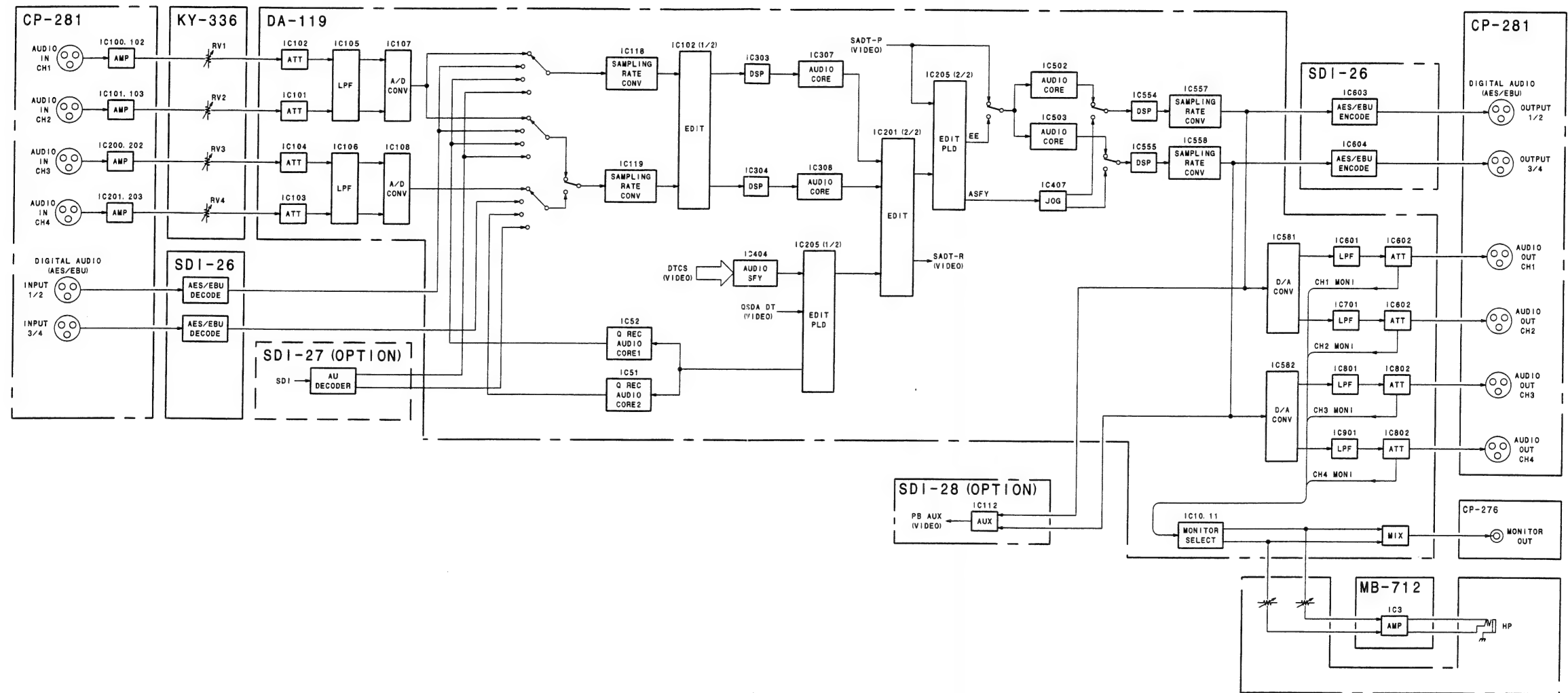
OVERALL BLOCK (2/2)  
MODEL DSR-60/60P



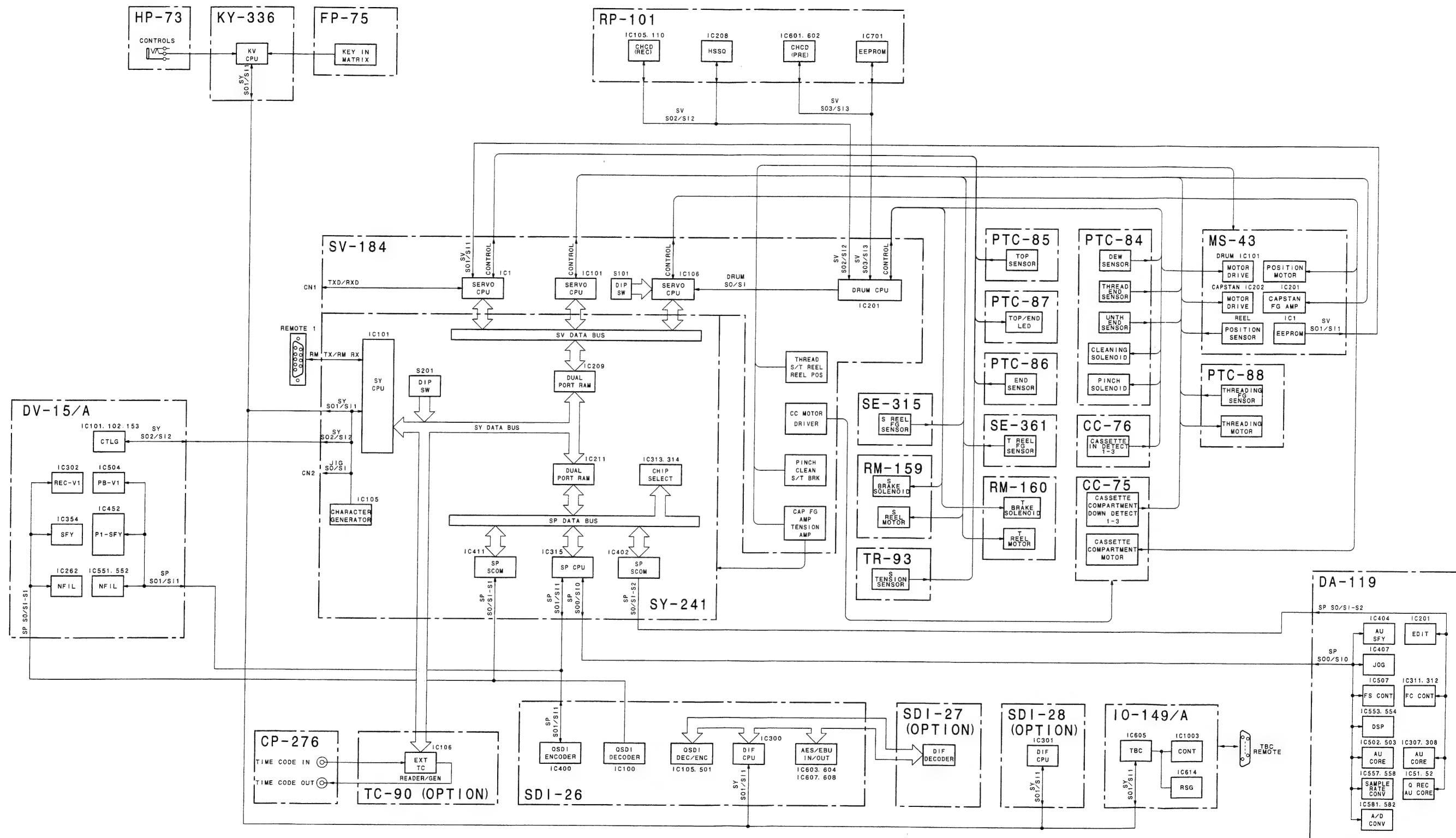
OVERALL BLOCK (1/3)



OVERALL BLOCK (1/3)  
MODEL DSR-80/80P

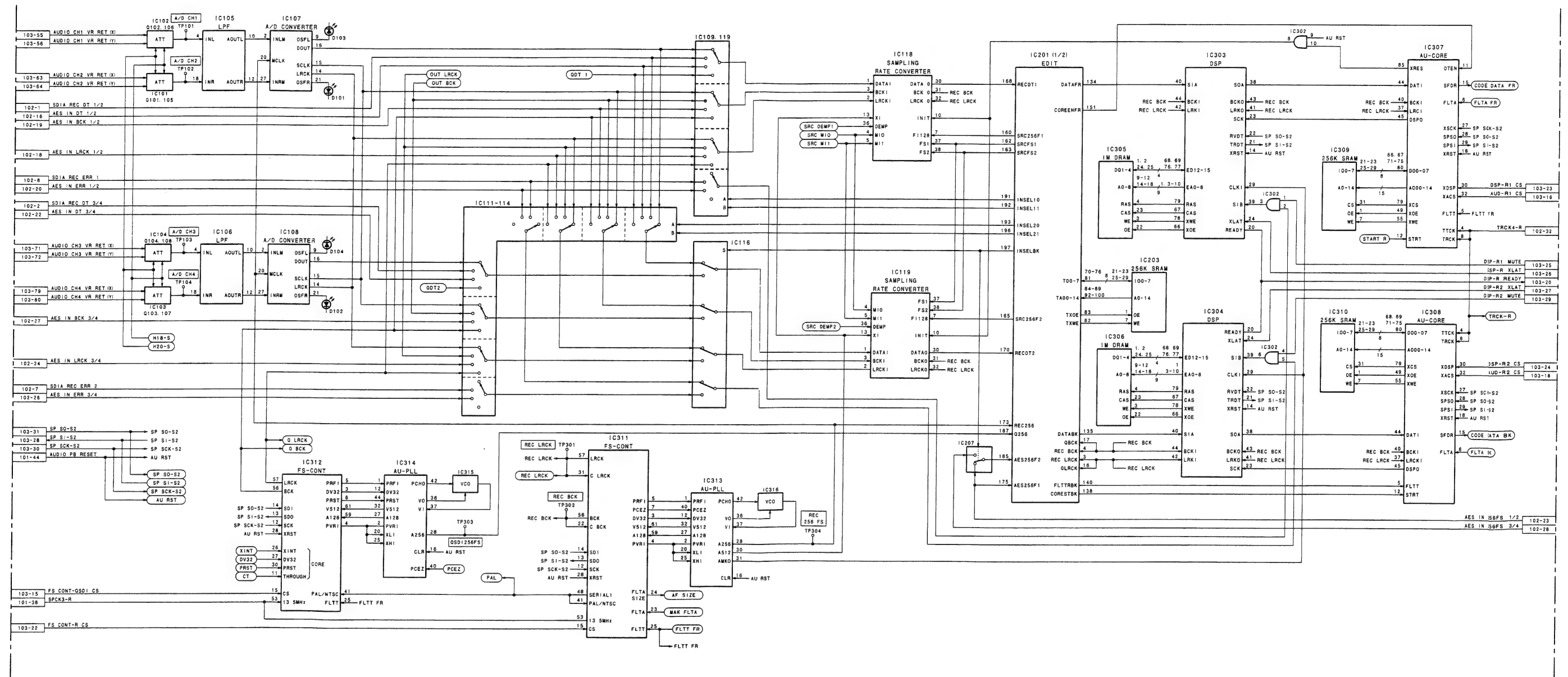


OVERALL BLOCK (3/3)

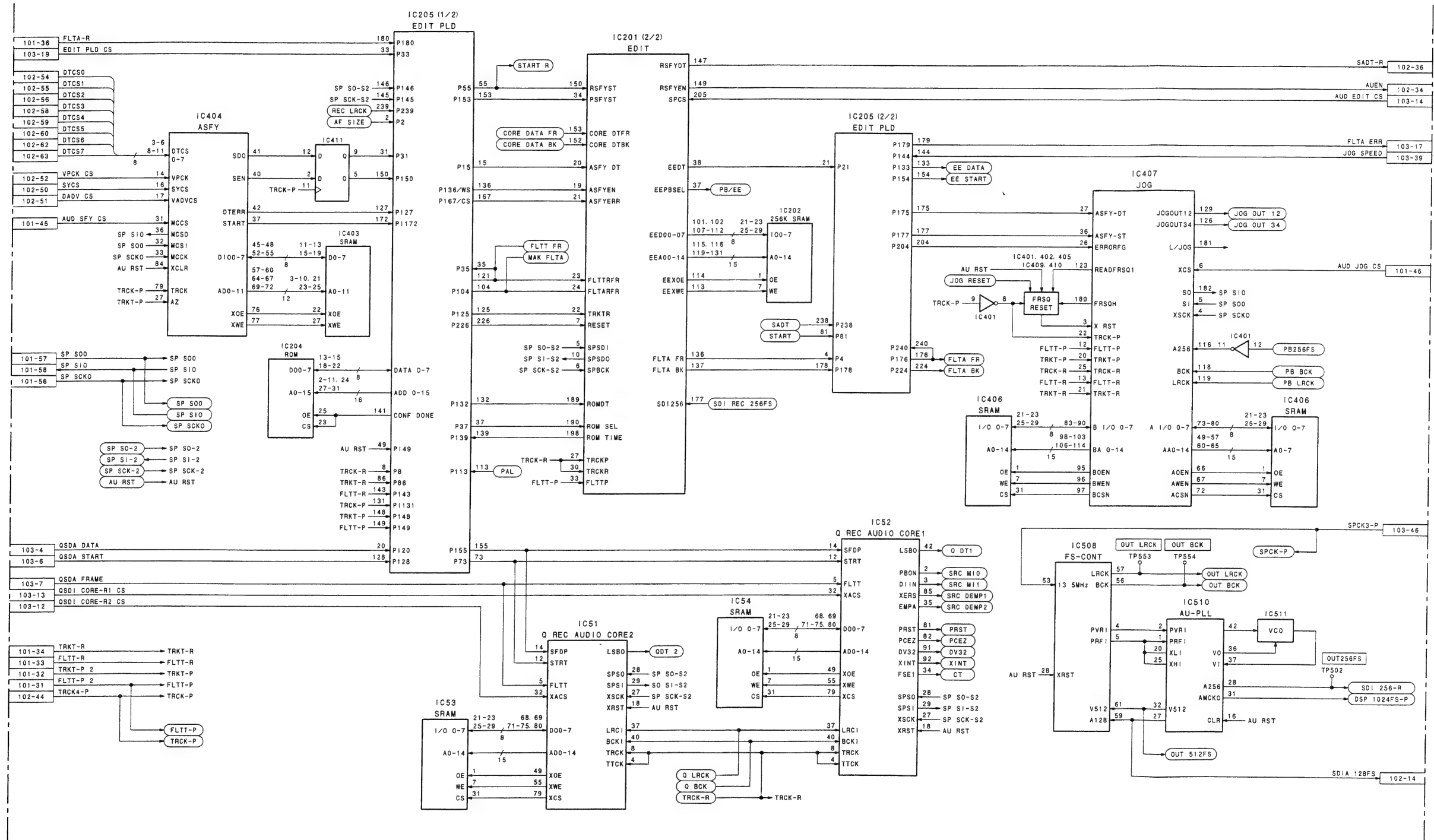


OVERALL BLOCK (3/3)  
MODEL DSR-80/80P

## DA-119 (1/3): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

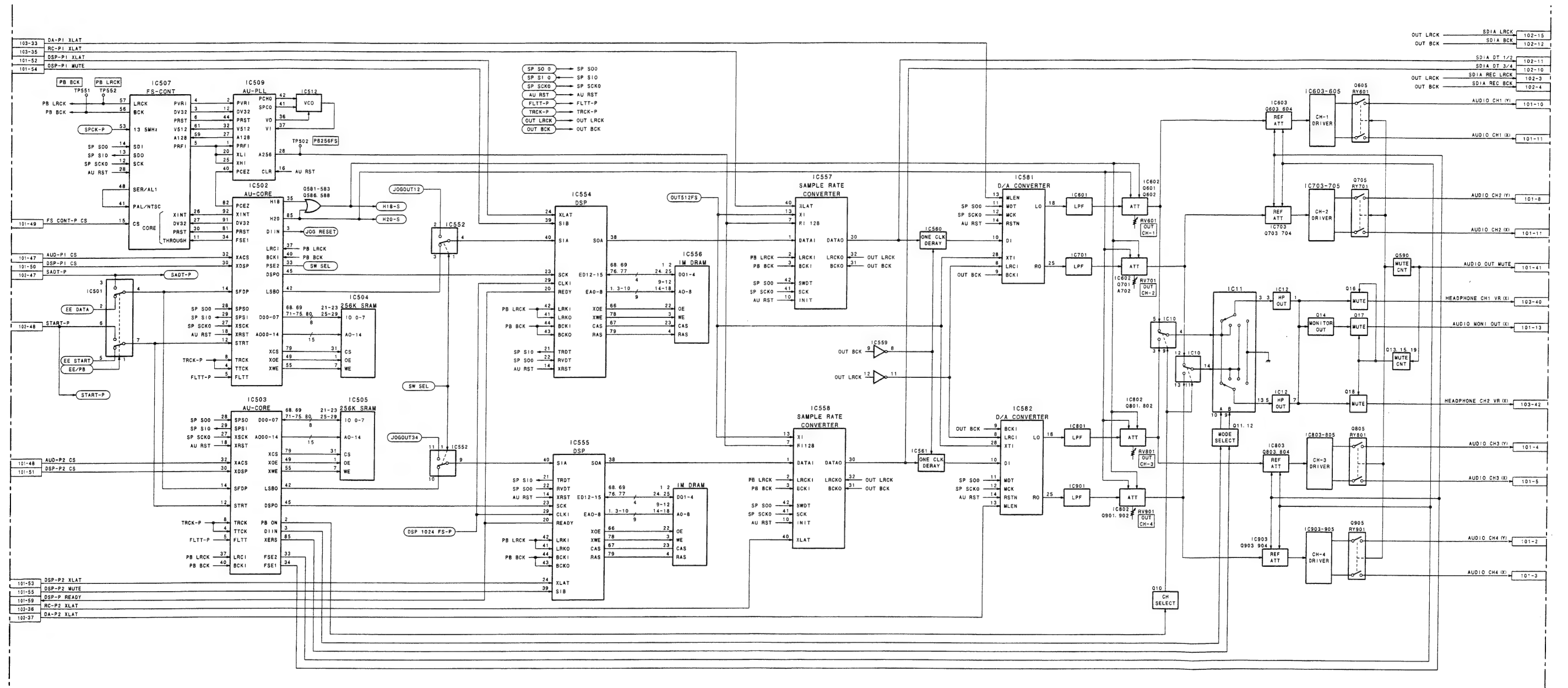


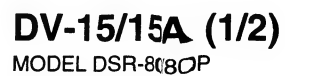
## DA-119 (2/3): AUDIO ANALOG/DIGITAL IN/OUT PROCESS





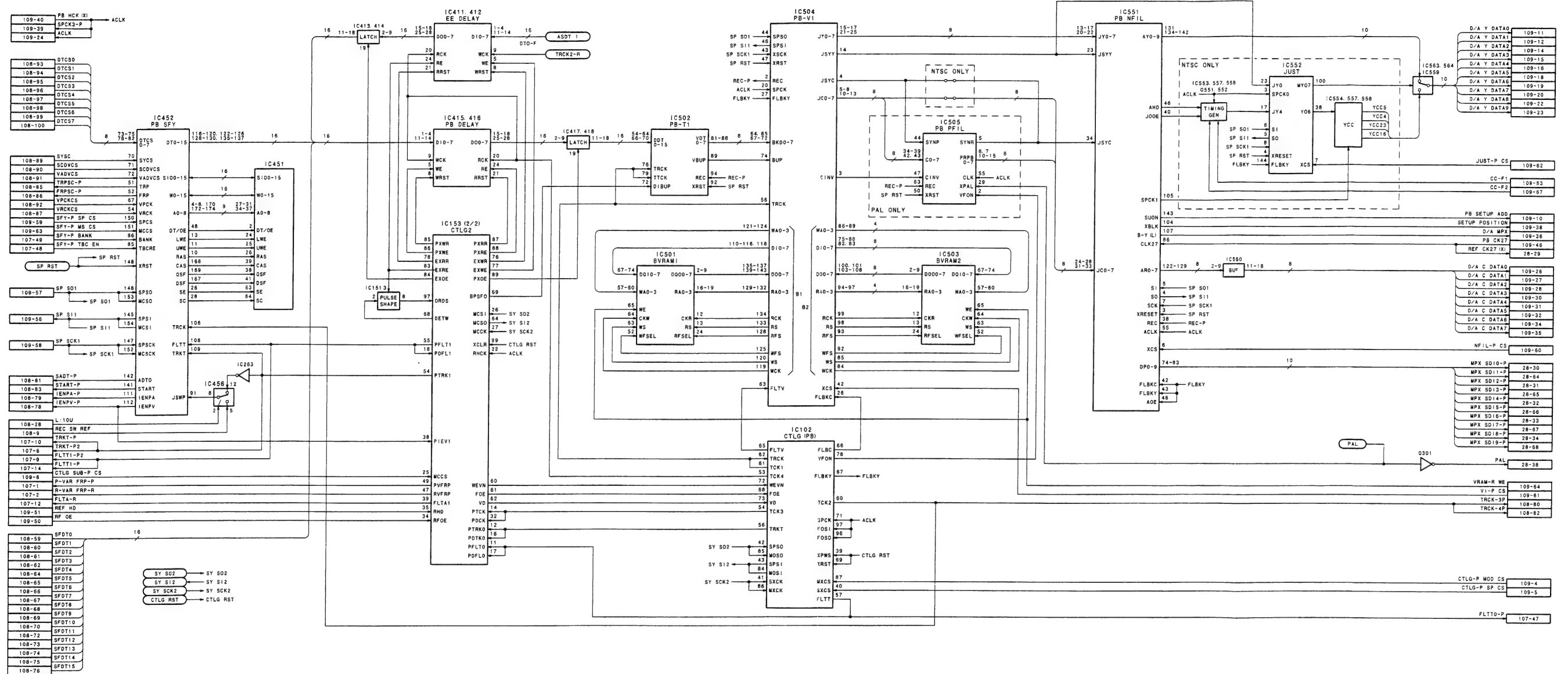
DA-119 (3/3): AUDIO ANALOG/DIGITAL IN/OUT PROCESS







## DV-15/15A (2/2): VIDEO DIGITAL IN/OUT PROCESS



SY-241B

107-34

AUDIO OUTPUT MUTE

IC102 SFY

IC301.302 AUDIO CORE

IC352 SW

IC353.354 DSP

IC357.358 SAMPLING RATE CONV

DT12 DT34

IC359.360.361 IIS TRANS

IC381 D/A CONV

IC401 LPF

RV401

IC402 (1/2) 0401.402 20/18/12 REF SHIFT

CH-1

Q403.404 4/0/-6 LEVEL SHIFT

IC403.404.405 OUTPUT DRIVER

Q405 RY401 CH1 OUTPUT (X) CH1 OUTPUT (Y)

107-15 606-3 107-14 606-2

CN25 (1/2)

AUDIO CH1 OUT

IC306 FS CONT

IC308 311 PLL OSC

TP301

LCK BCK

IC307 FS CONT

IC309.310 PLL OSC

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128FS

IC382 D/A CONV

IC501 LPF

RV501

IC402 (2/2) 0501.502 20/18/12 REF SHIFT

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Q503.504 4/0/-6 LEVEL SHIFT

IC503.504.505 OUTPUT DRIVER

Q505 RY501 CH2 OUTPUT (X) CH2 OUTPUT (Y)

107-11 606-6 107-10 606-5

CN25 (2/2)

AUDIO CH2 OUT

IC601 LPF

RV601

IC602 (1/2) 0601.602 20/18/12 REF SHIFT

CH-3

Q603.604 4/0/-6 LEVEL SHIFT

IC603.604.605 OUTPUT DRIVER

Q605 RY601 CH3 OUTPUT (X) CH3 OUTPUT (Y)

107-7 606-9 107-6 606-8

CN26 (1/2)

AUDIO CH3 OUT

IC701 LPF

RV701

IC602 (2/2) 0701.702 20/18/12 REF SHIFT

CH-4

Q703.704 4/0/-6 LEVEL SHIFT

IC703.704.705 OUTPUT DRIVER

Q705 RY701 CH4 OUTPUT (X) CH4 OUTPUT (Y)

107-3 606-12 107-2 606-11

CN26 (2/2)

AUDIO CH4 OUT

OUTPUT LEVEL

IC8

SADT START

1-20 1-22 1-20 1-22

ID INST

1-10 1-12 1-10 1-12

A DATA A START

IC251.252.253 JOG

PD-82

Q390 INVERTER

Q14 MIX DRIVER

Q17 MUTE

107-18 602-8

FL10 LPF

CN4 MONITOR OUT

DV-17/A

CP-281B/C

CP-276B

HP-L VR (X) 107-24 731-7 RV1 (1/2) 731-5 701-5

IC3 (1/2) Q1 MUTE 701-1 731-1

HP-L OUT (X)

HEADPHONE VOLUME

RV1 (2/2) 731-9 701-11

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HP-R OUT (Y)

HP-73 (1/2)

MB-713

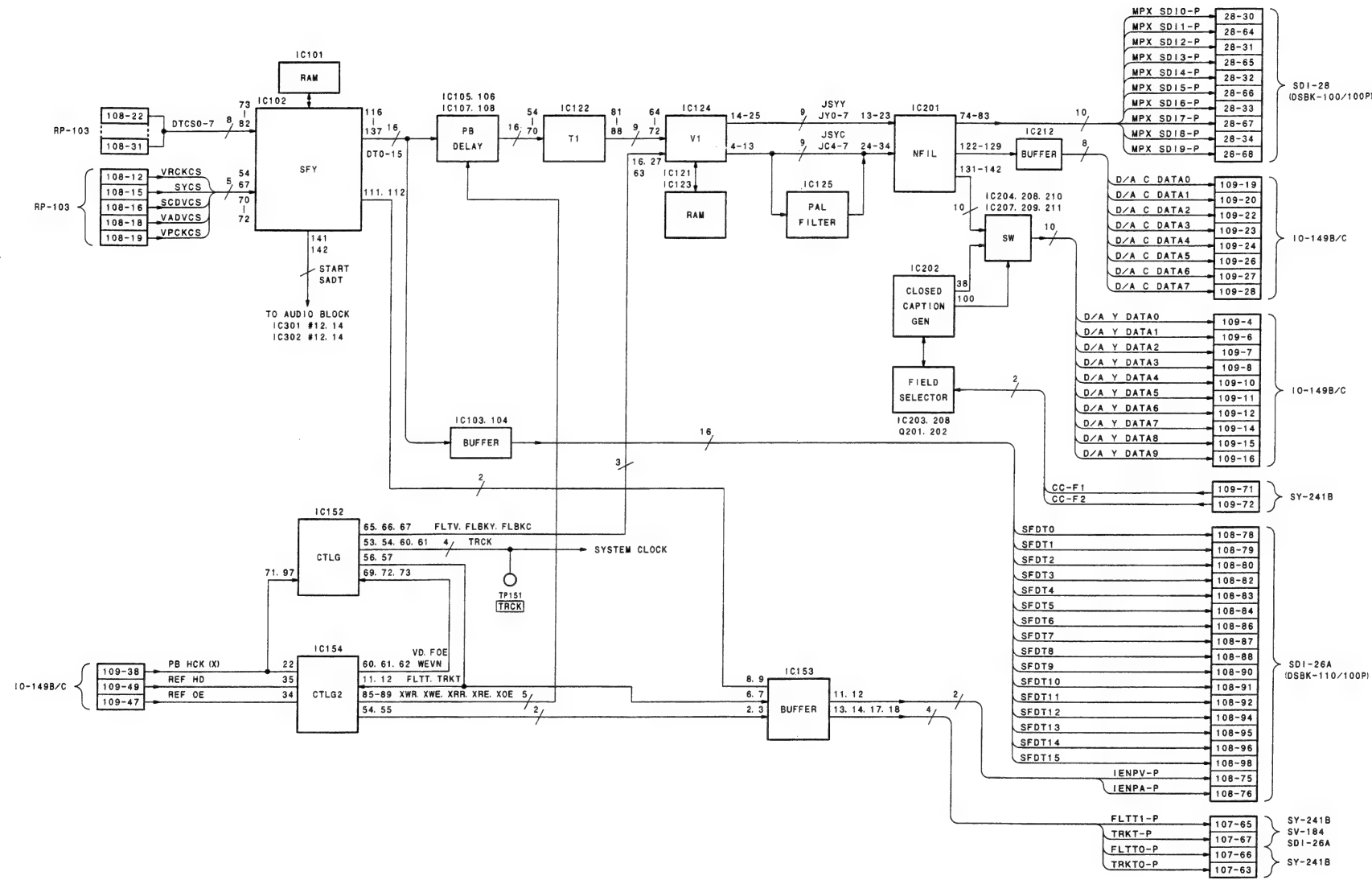
HP-73 (2/2)

J2 HEADPHONE

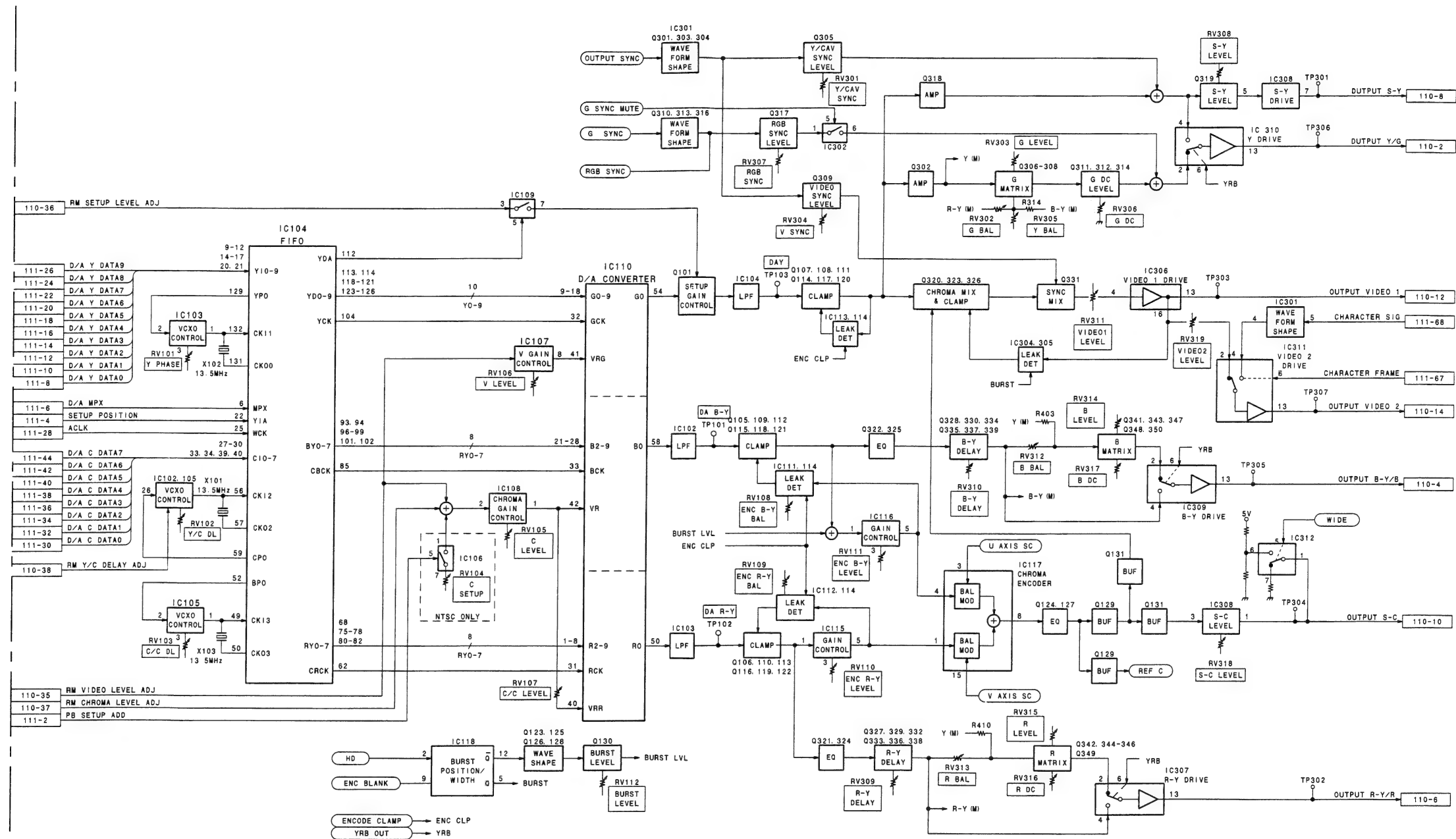
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| BCK   | 28-44 | 28-44 |
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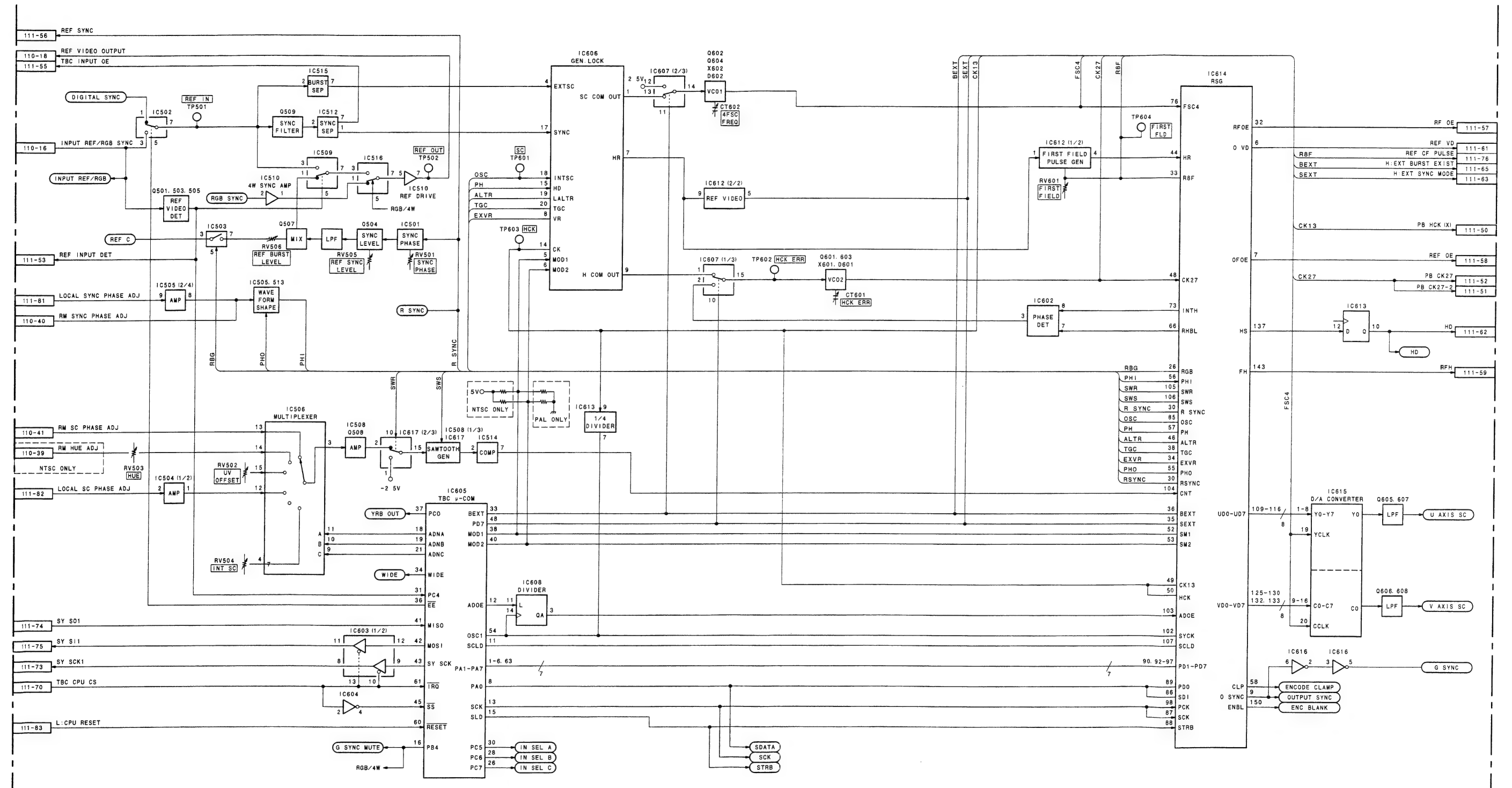
**DV-17/17A: VIDEO DIGITAL PROCESS**



IO-149/149A/149B/149C (1/3): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



IO-149/149A/149B/149C (2/3): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

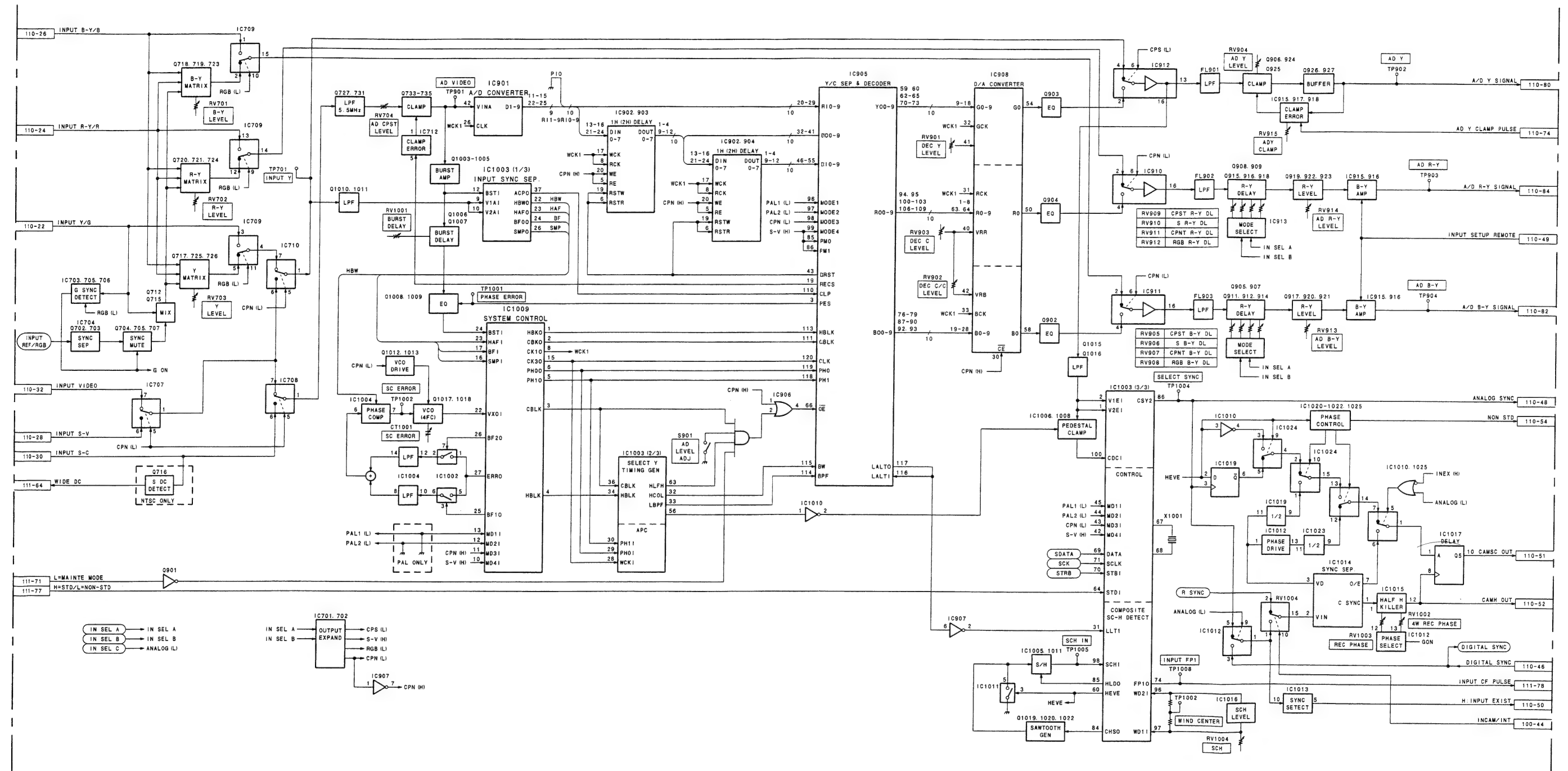




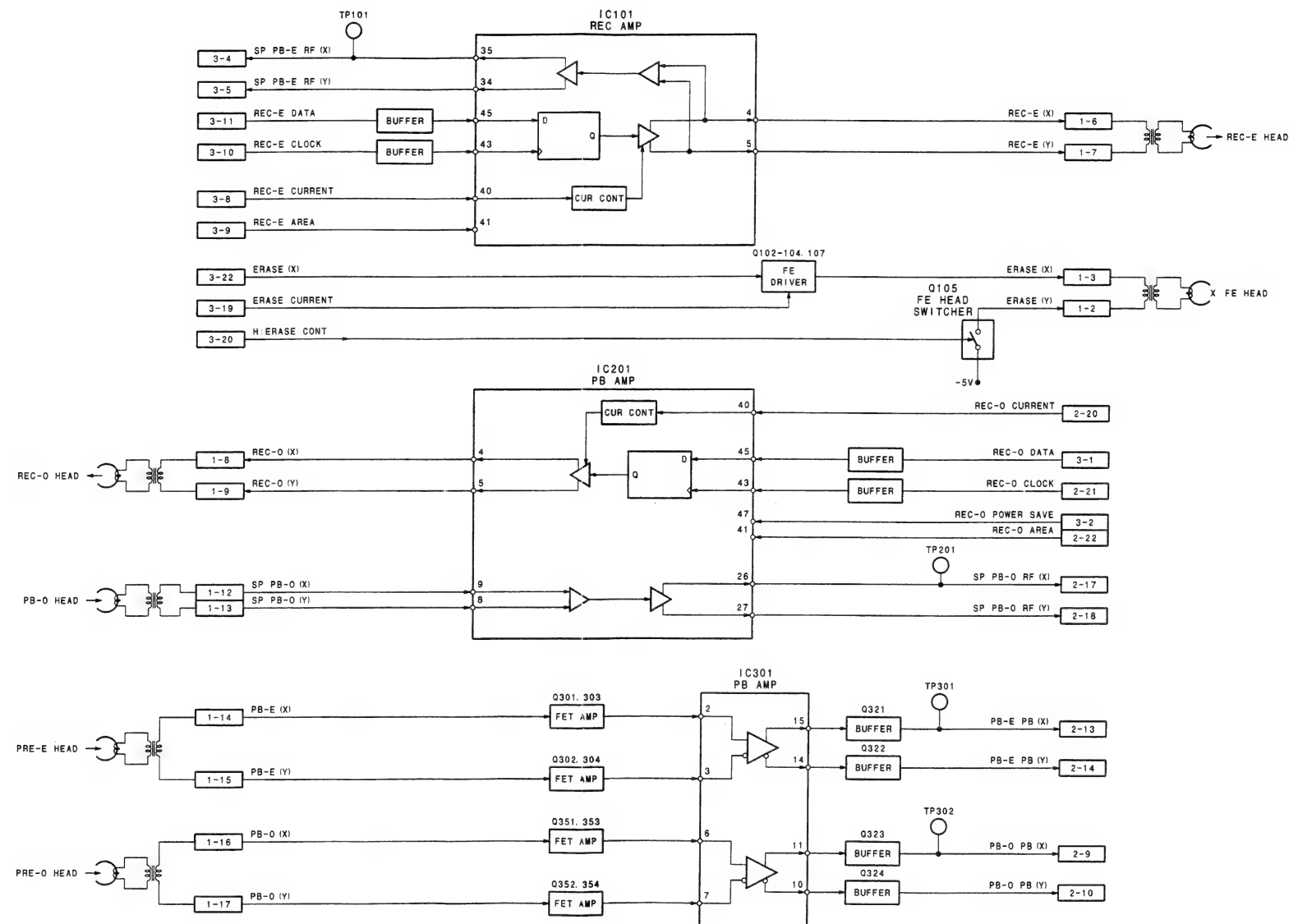
## DSR-80/80P

## DSR-80/80P

## IO-149/149A (3/3): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

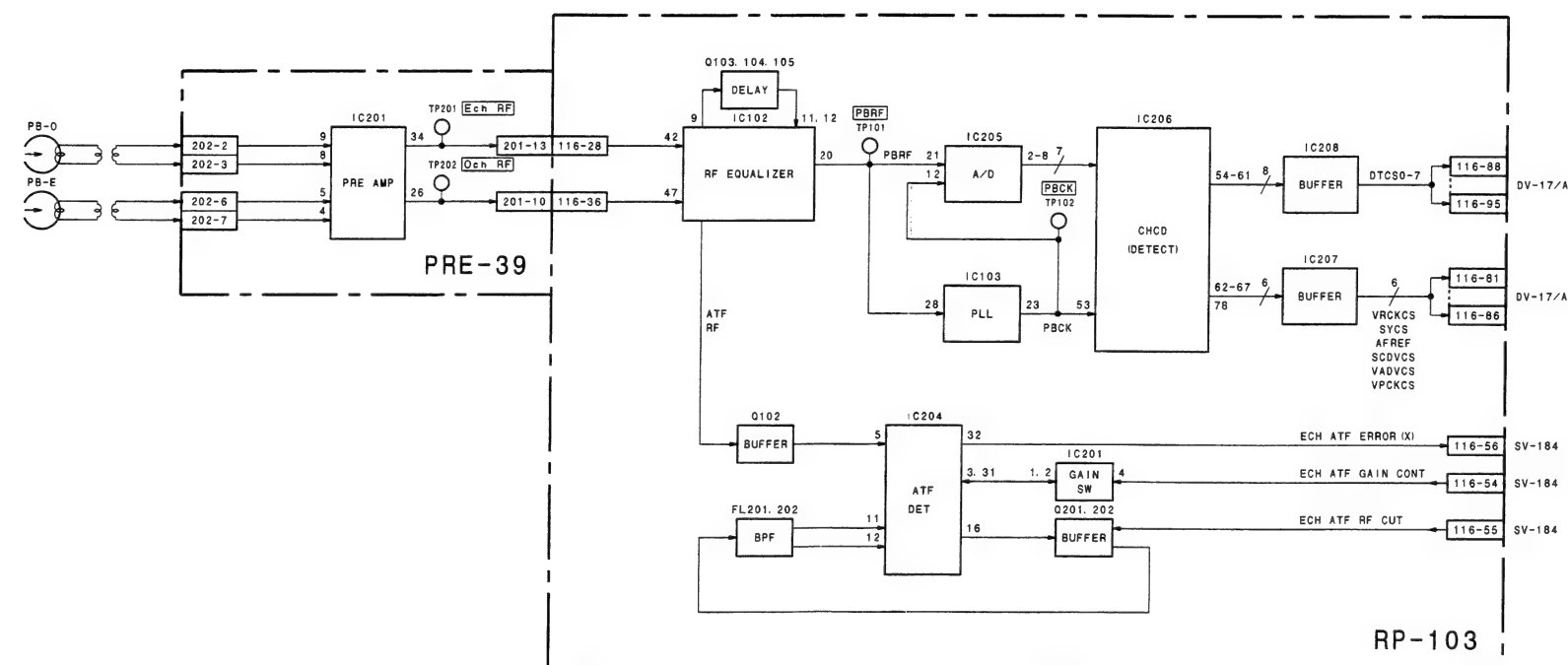


## PRE-34: REC/PB DIGITAL PROCESS





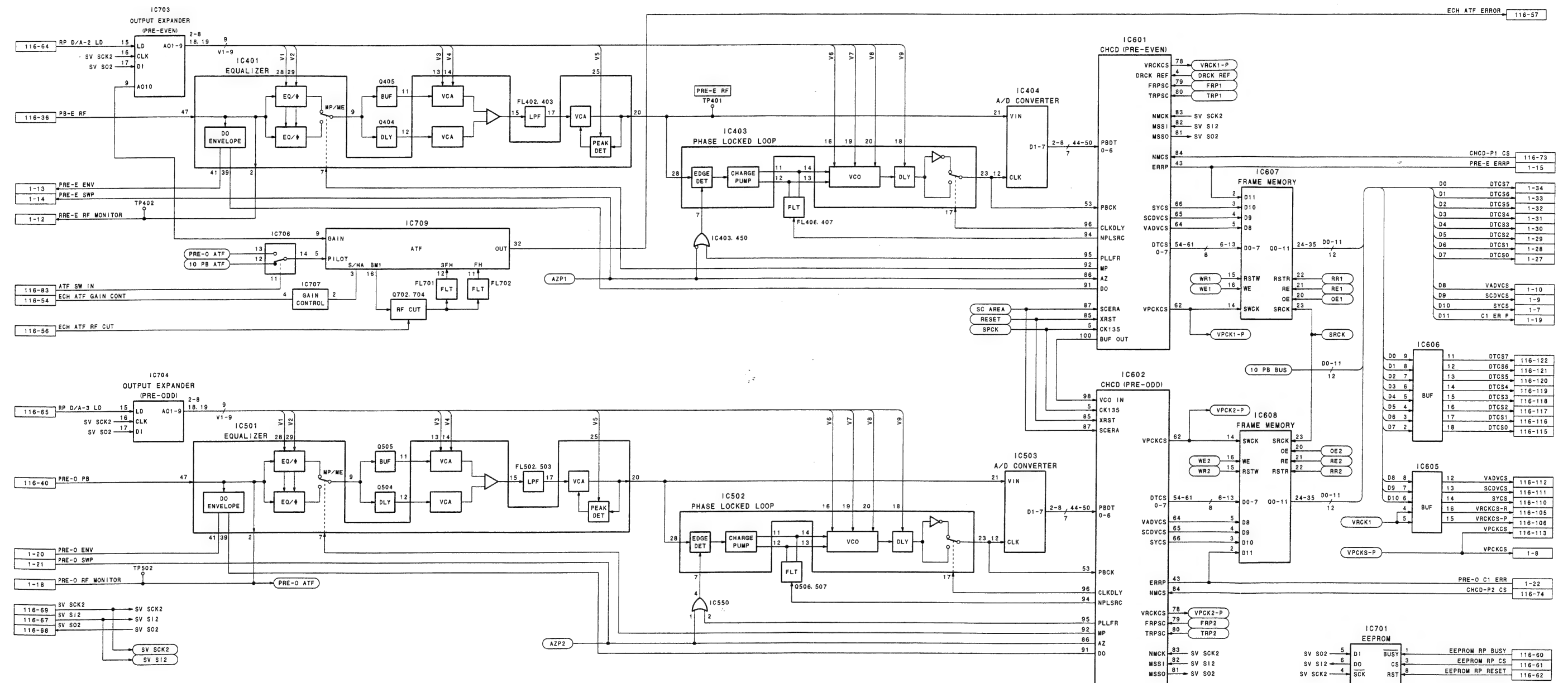
RF BLOCK  
PRE-39: PB DIGITAL PROCESS  
RP-103: HEAD AMP



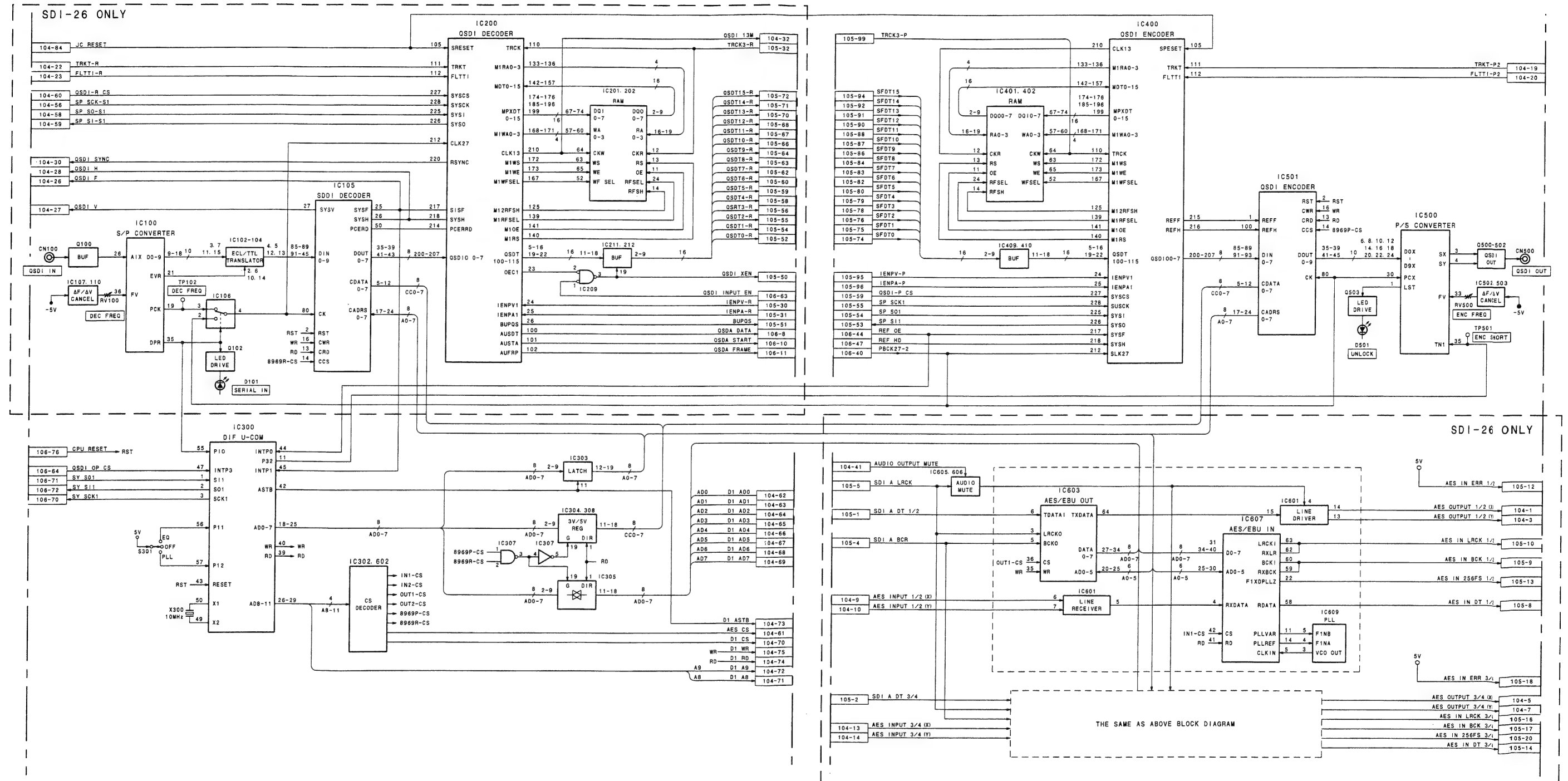
RF BLOCK  
MODEL DSR-60/60P

**RP-101 (1/2)**  
MODEL DSR-80/80P

RP-101: REC/PB HEAD AMP, RF A/D

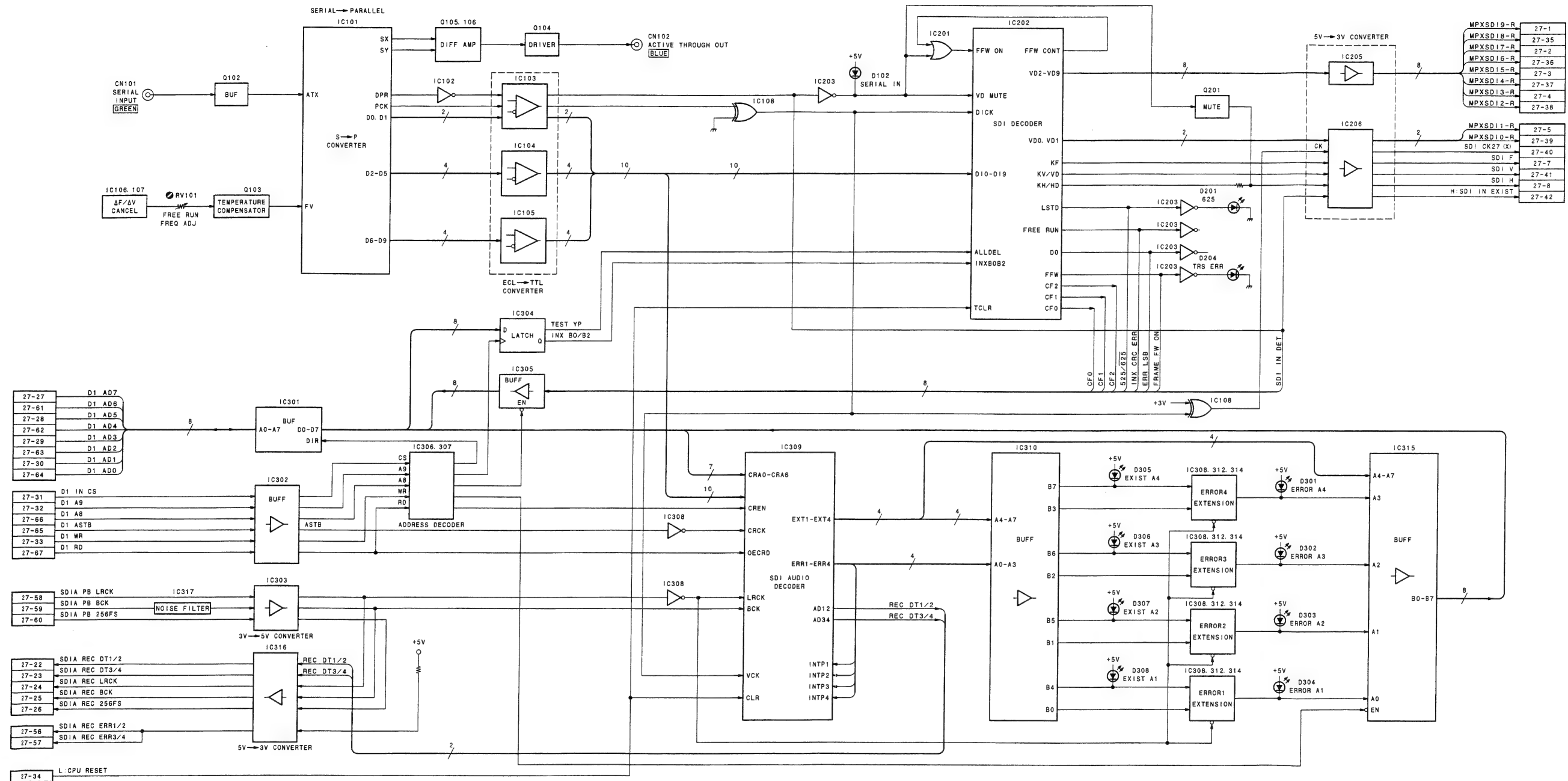


**SDI-26/26A: QSDI OUTPUT INTERFACE (DSR-60/60P)**  
**QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)**



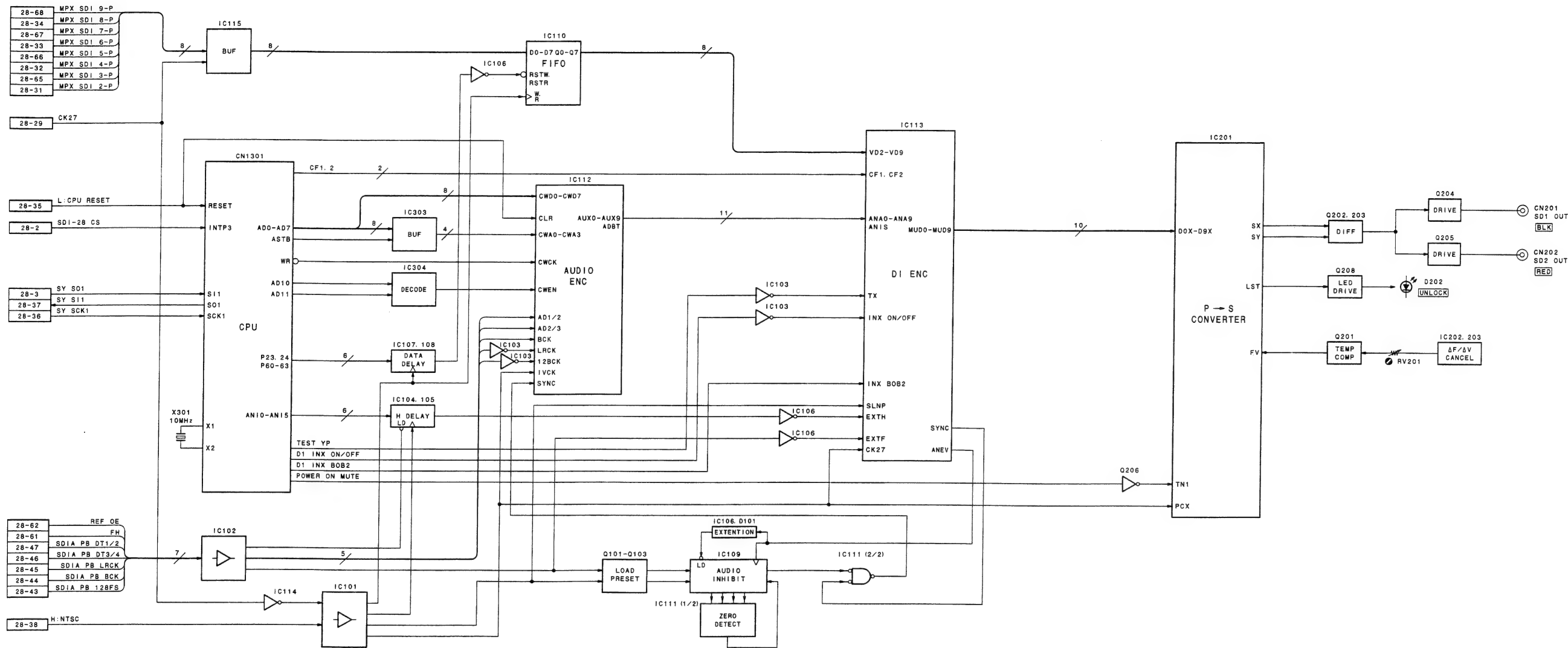
**SDI-26/26A**  
 MODEL DSR-80/80P  
 MODEL DSBK-110/110P

## SDI-27: SDI INPUT INTERFACE



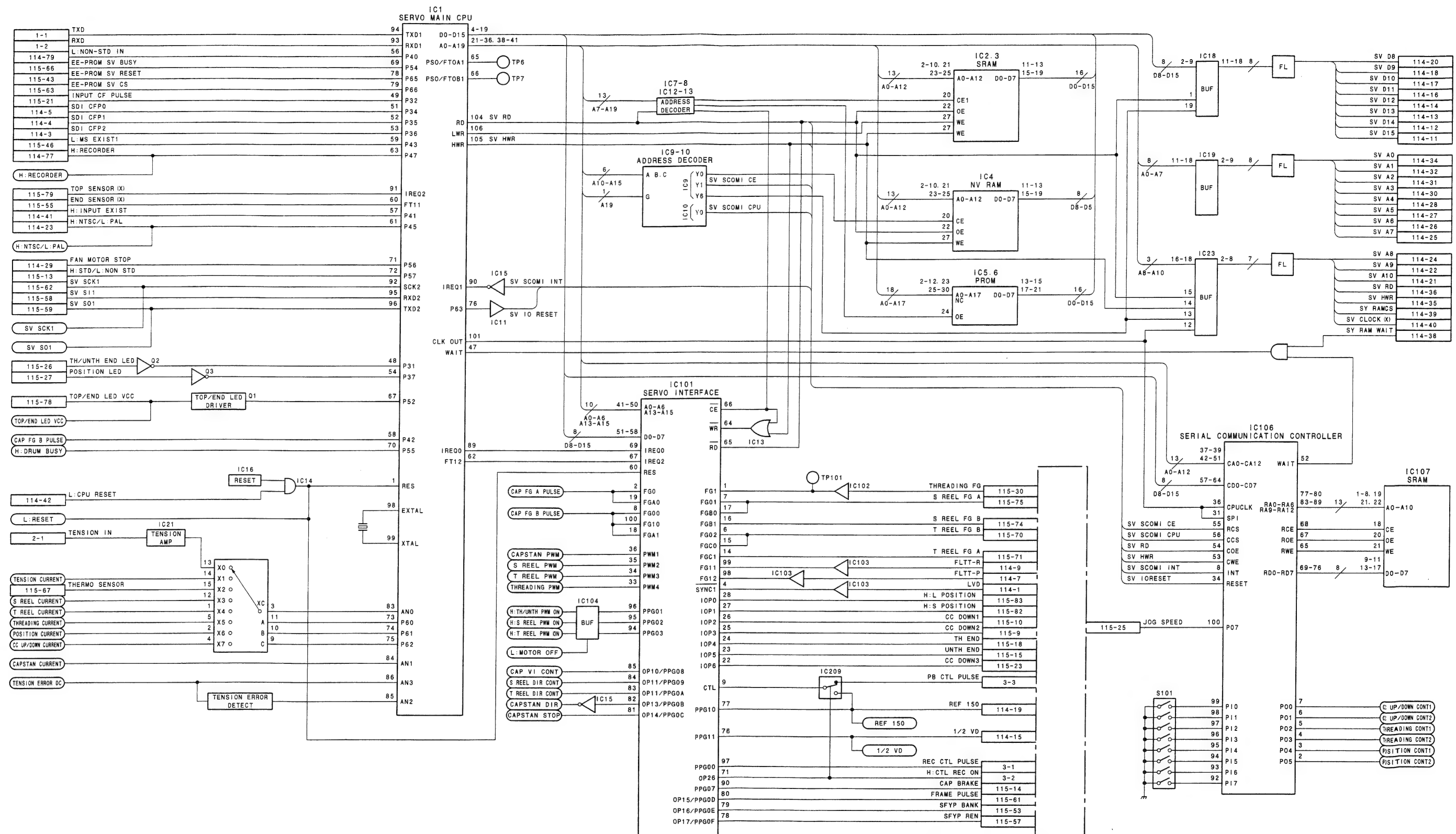


SDI-28: SDI OUTPUT INTERFACE



SDI-28  
MODEL DSBK-100/100P  
MODEL DSBK-120/120P

## SV-184 (1/2): SERVO SYSTEM

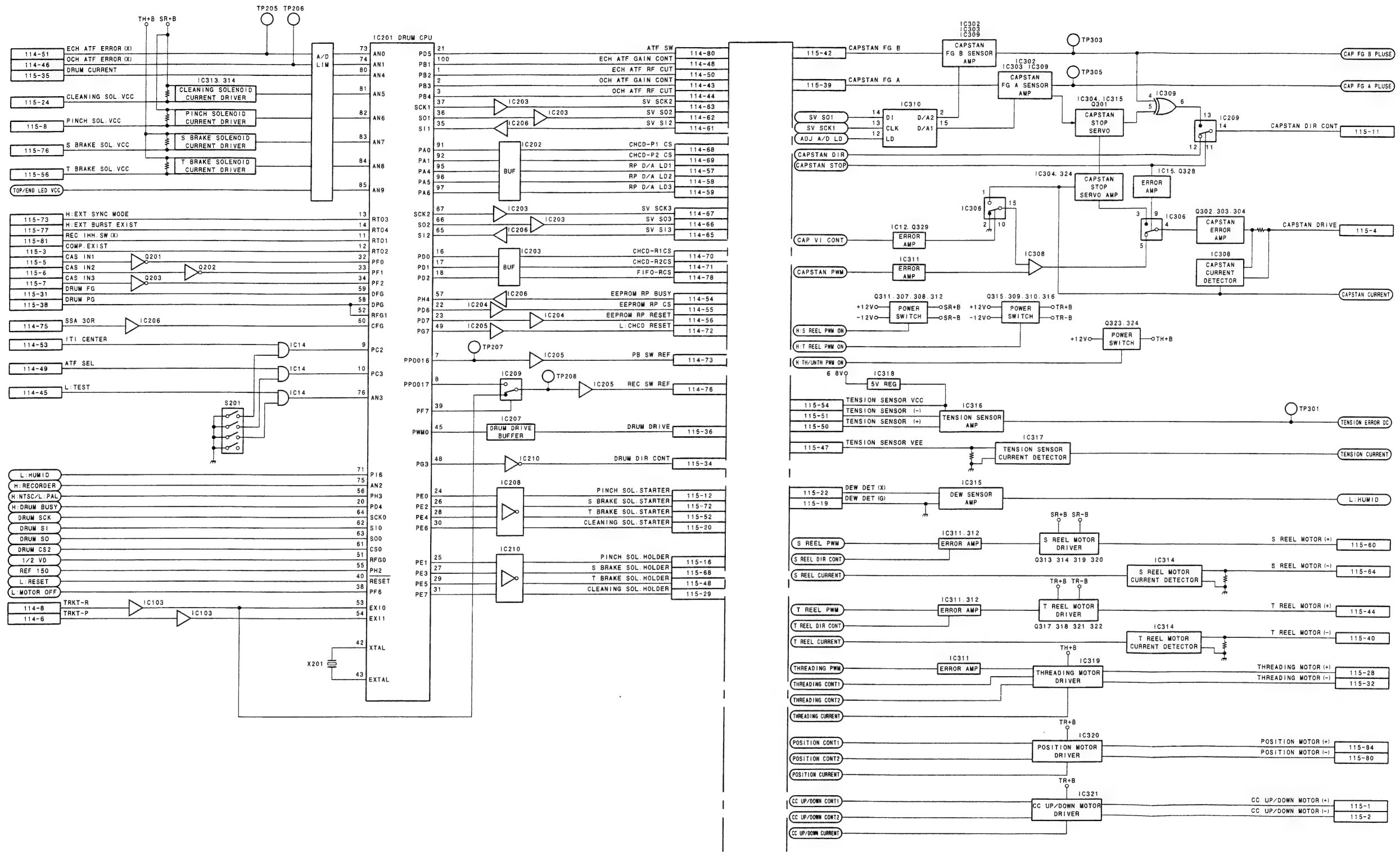


**SV-184 (1/2)**  
MODEL DSR-80/80P/60/60P

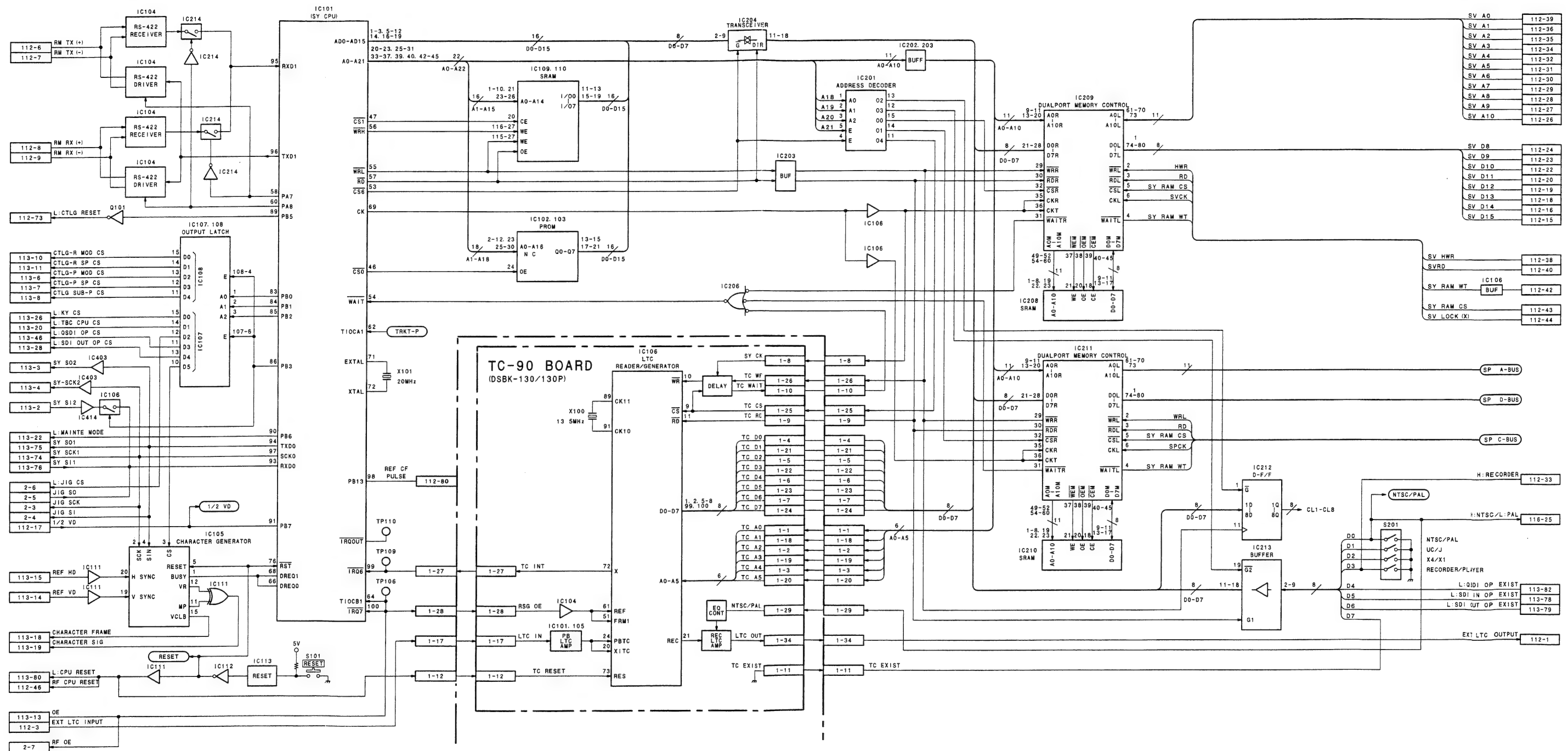
DSR-80/80P/60/60P



SV-184 (2/2): SERVO SYSTEM



**SY-241/241B (1/2): SYSTEM CONTROL**



**SY-241/241B (1/2)**  
MODEL DSR-80/80P/60/60P

SR-80/80P/60/60P

**SY-241B (2/2)**  
MODEL DSR-60/60P



SECTION 12  
BOARD LAYOUTS

DSR-60/60P

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DSR-80/80P

| BOARD NAME                                   | CIRCUIT FUNCTION  | PAGE  |
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| FP-75  | SUB PANEL MENU KEY/AUDIO MONITOR SWITCH,<br>SYNC/SC PHASE ADJUST  | 12-13 |
| HP-73  | HEADPHONE VOLUME/CONNECTOR, SIRCS CONNECTOR   | 12-13 |
| IO-149/149A                                  | VIDEO ANALOG IN/OUT PROCESS, REF SIGNAL GEN,<br>VIDEO IN/OUT DRIVER   | 12-14 |
| KY-336                                       | KEY SWITCH, AUDIO REC VOLUME, FL DISPLAY/DRIVE  | 12-16 |
| MB-712                                       | MOTHER BOARD, REMOTE CONNECTOR  | 12-18 |
| MS-43  | DRUM/CAPSTAN MOTOR DRIVE, CAPSTAN FG AMP,<br>TAPE TOP/END SENSOR AMP, REEL POSITION SENSOR,<br>SV DATA MEMORY | 12-22 |
| PRE-34                                       | REC/PB DIGITAL PROCESS  | 12-24 |
| PTC-84                                       | THREAD/UNTHREAD END SENSOR,<br>PINCH SOL/CLEAN SOL/DEW CONNECTION   | 12-26 |
| PTC-85                                       | TAPE TOP SENSOR   | 12-27 |
| PTC-86                                       | TAPE END SENSOR, TENSION SENSOR CONNECTION  | 12-27 |
| PTC-87                                       | TAPE TOP/END LED  | 12-27 |
| PTC-88                                       | THREADING FG SENSOR, THREADING MOTOR CONNECTION   | 12-28 |
| RM-159                                       | S REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 12-28 |
| RM-160                                       | T REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 12-28 |
| RP-101                                       | REC/PB HEAD AMP, RF A/D   | 12-25 |
| SDI-26                                       | QSDI INPUT/OUTPUT INTERFACE   | 12-30 |
| SDI-27<br>(DSBK-120/120P)                    | SDI INPUT INTERFACE   | 12-33 |
| SDI-28<br>(DSBK-100/100P)<br>(DSBK-120/120P) | SDI OUTPUT INTERFACE  | 12-34 |
| SE-315                                       | S REEL FG SENSOR  | 12-35 |
| SE-361                                       | T REEL FG SENSOR  | 12-35 |
| SV-184                                       | SERVO MAIN CONTROL  | 12-36 |
| SY-241                                       | SYSTEM CONTROL  | 12-38 |
| TC-90<br>(DSBK-130/130P)                     | EXTERNAL TIME CODE IN/OUT   | 12-40 |
| TR-93  | TEN-REG ARM POSITION SENSOR   | 12-40 |

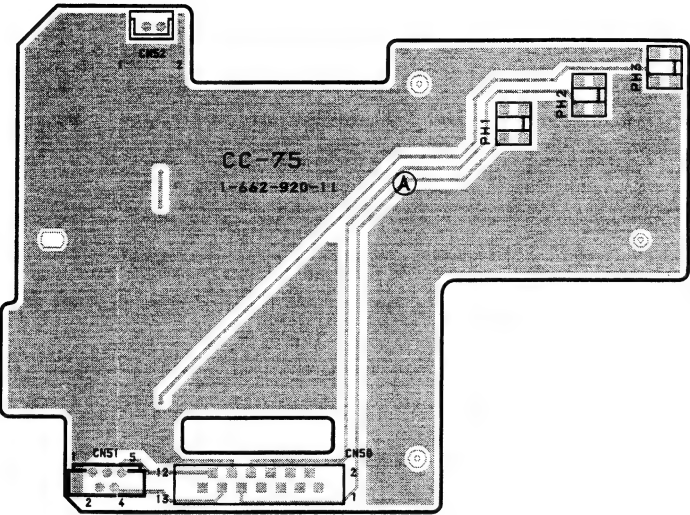
CC-75: CC DOWN SENSOR  
CC-76: CAS IN SENSOR

CC-75 (1-662-920-11)

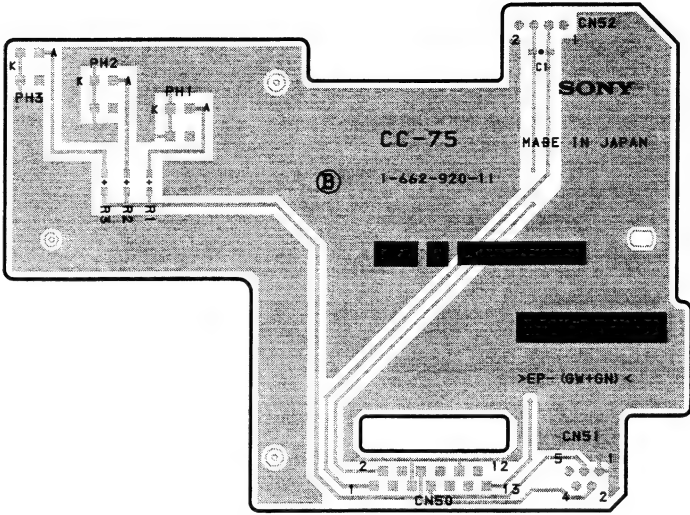
\*: B SIDE

CN50    A1  
CN51    A1  
CN52    A1

PH1    A1  
PH2    A1  
PH3    A1



**CC-75 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



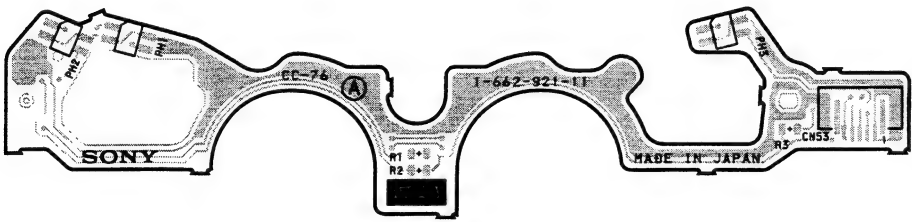
**CC-75 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

CC-76 (1-662-921-11)

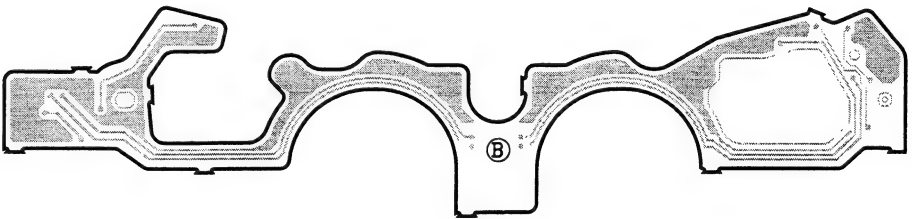
\*: B SIDE

CN53    A1

PH1    A1  
PH2    A1  
PH3    A1



**CC-76 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



**CC-76 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



CP-276A: VIDEO/TC CONNECTOR (DSR-80/80P)  
CP-276B: VIDEO/TC CONNECTOR (DSR-60/60P)

CP-276B (1-662-888-11)

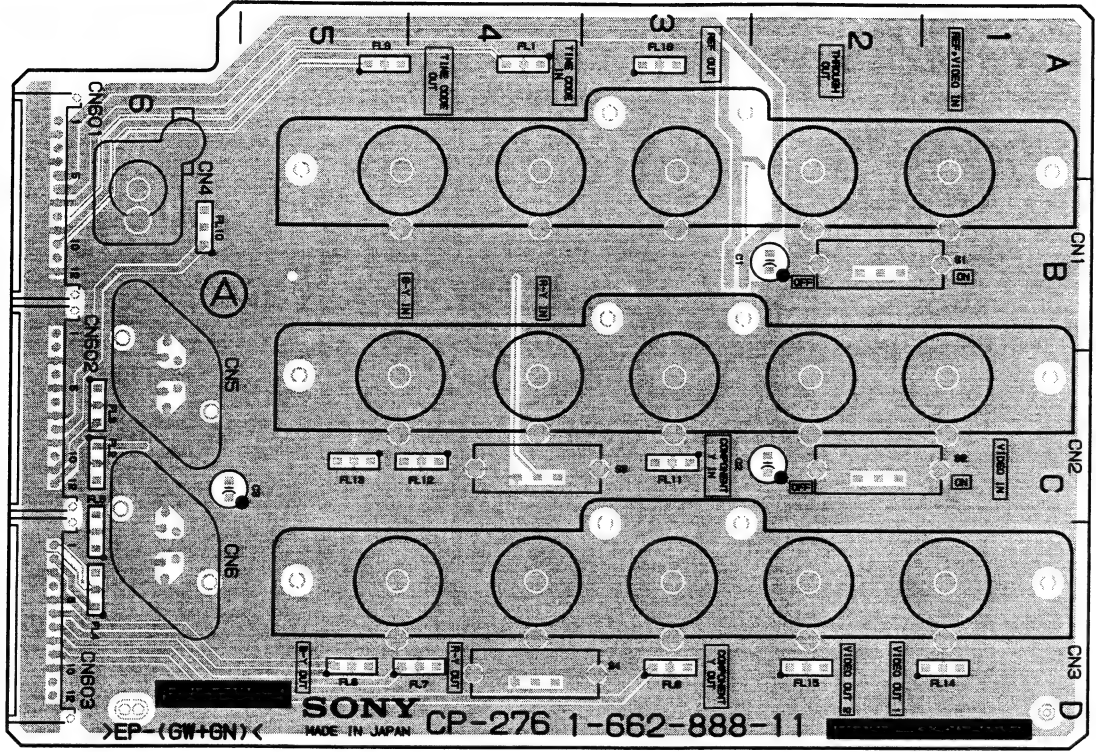
\*: B SIDE

CN1 A5  
CN3 D5  
CN4 B6  
CN6 D6  
CN601 A6  
CN602 B6  
CN603 D6

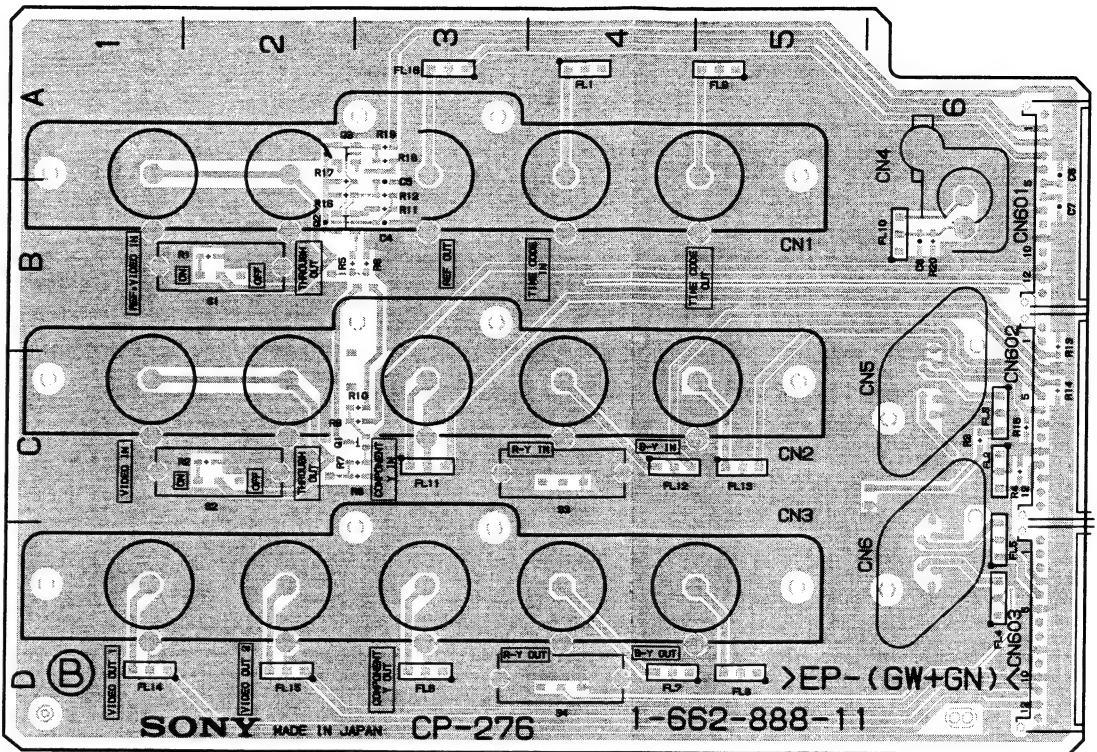
FL4 D6  
FL5 D6  
FL6 D3  
FL7 D4  
FL8 D5  
FL9 A5  
FL10 B6  
FL14 D1  
FL15 D2  
FL16 A3

Q2 \* B2  
Q3 \* A2

S1 B2  
S4 D4



CP-276B -A SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P



CP-276B -B SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P

CP-276A/276B (1-662-888-12)

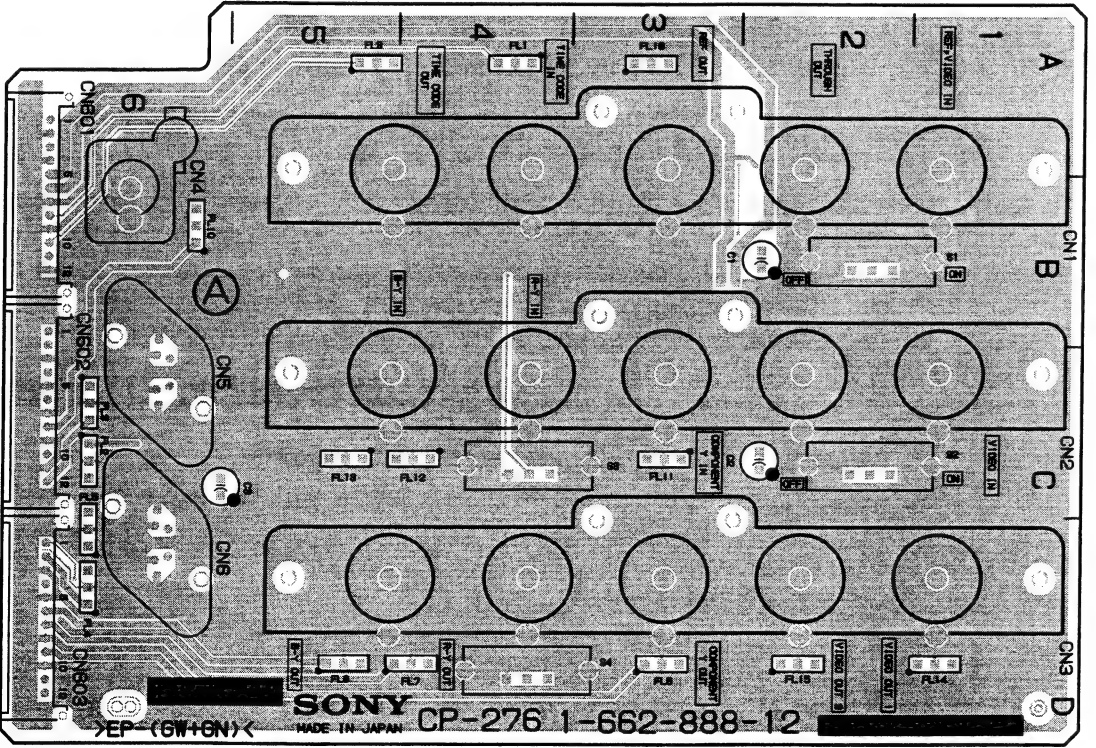
\*:B SIDE

CN1 A5  
CN2 C5 (#1)  
CN3 D5  
CN4 B6  
CN5 C6 (#1)  
CN6 D6  
CN601 A6  
CN602 B6  
CN603 D6

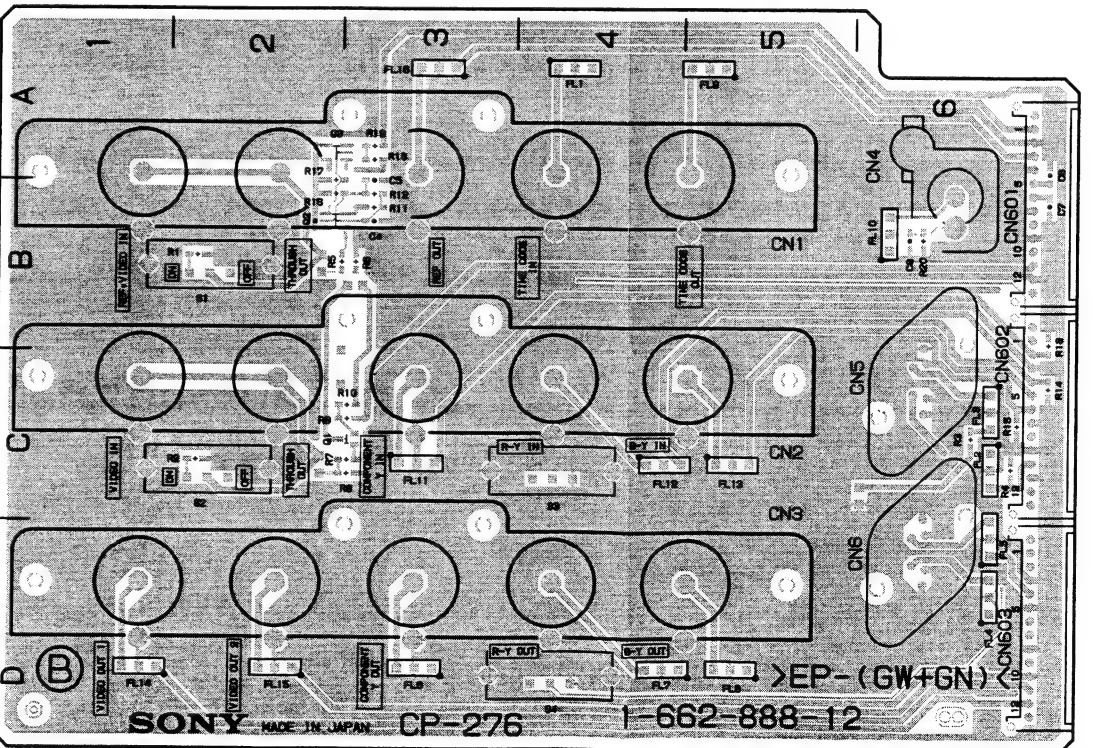
FL1 A4 (#1)  
FL2 C6 (#1)  
FL3 C6 (#1)  
FL4 D6  
FL5 D6  
FL6 D3  
FL7 D4  
FL8 D5  
FL9 A5  
FL10 B6  
FL11 C3 (#1)  
FL12 C4 (#1)  
FL13 C5 (#1)  
FL14 D1  
FL15 D2  
FL16 A3

Q1 \* C3 (#1)  
Q2 \* B2  
Q3 \* A2

S1 B2  
S2 C2 (#1)  
S3 C4 (#1)  
S4 D4



CP-276A/276B -A SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P



CP-276A/276B -B SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P



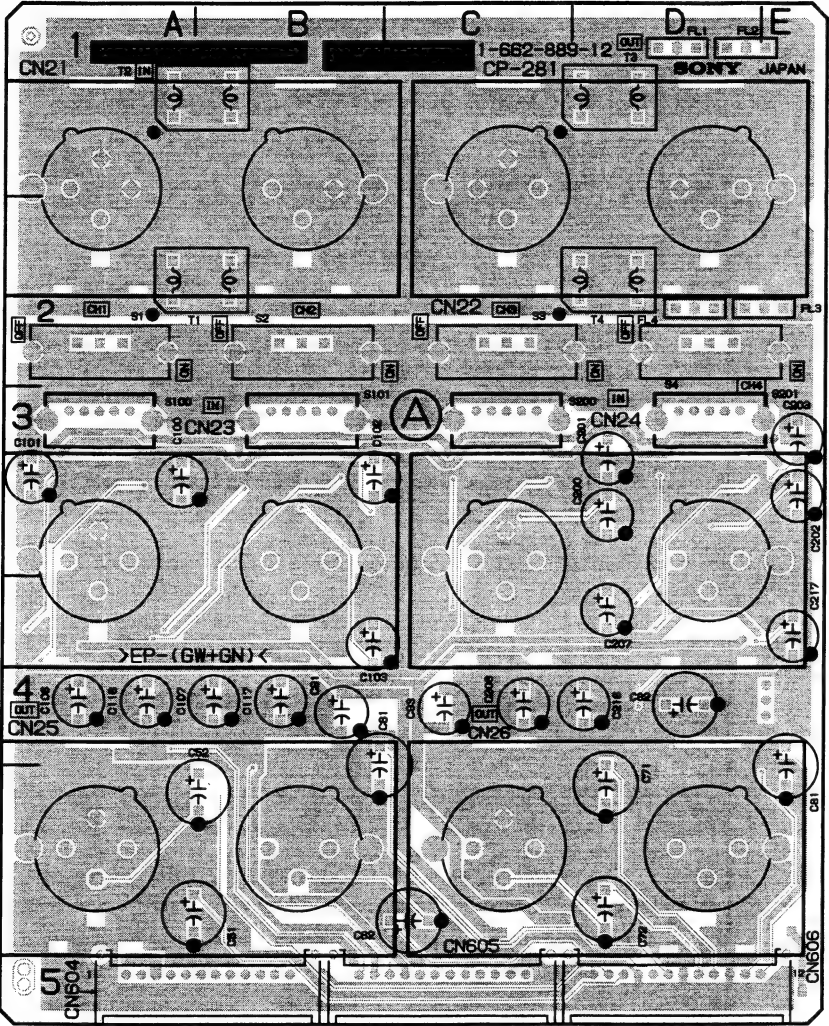
CP-281B/281C: ANALOG AUDIO OUT (DSR-60/60P)  
CP-281/281J: ANALOG AUDIO IN/OUT (DSR-80/80P)

CP-281/281B/281C/281J (1-662-889-12)

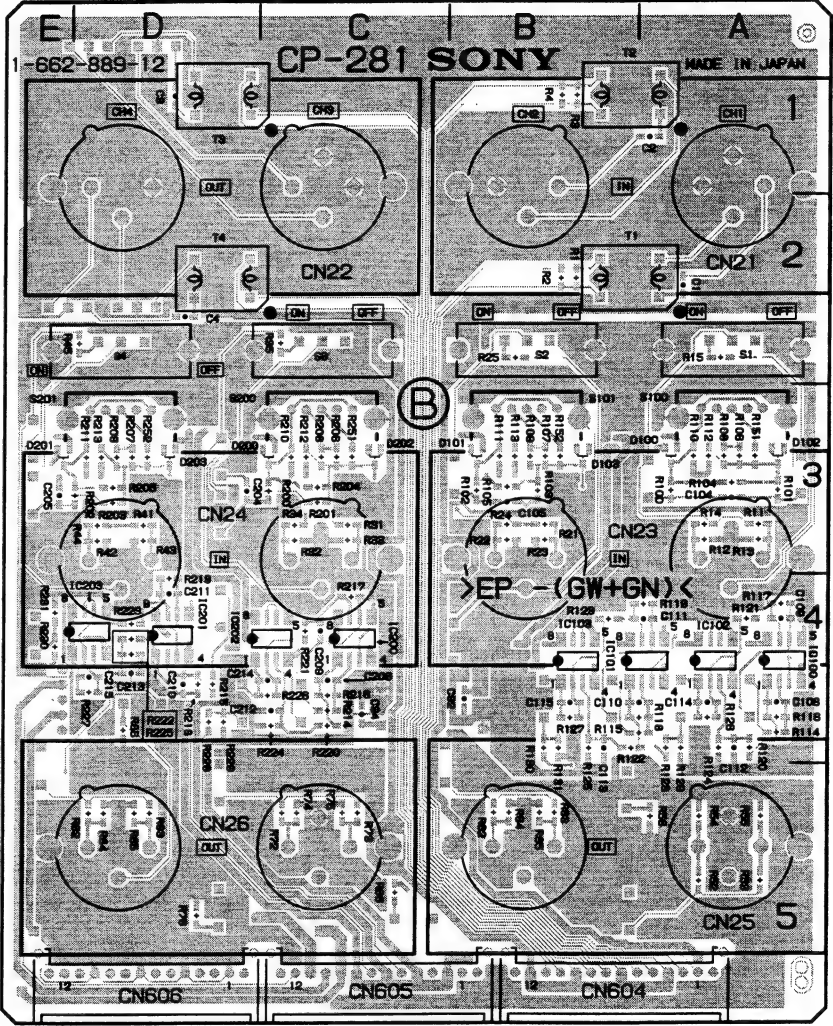
\*:B SIDE

|       |               |
|-------|---------------|
| CN21  | A1 (#1, #2)   |
| CN22  | C1 (#1, #2)   |
| CN23  | A3 (#1, #2)   |
| CN24  | C3 (#1, #2)   |
| CN25  | A5            |
| CN26  | C5            |
| CN604 | A5 (#1, #2)   |
| CN605 | B5 (#1, #2)   |
| CN606 | D5            |
| CN609 | E4 (#1, #2)   |
| D100  | * A3 (#1, #2) |
| D101  | * B3 (#1, #2) |
| D102  | * A3 (#1, #2) |
| D103  | * B3 (#1, #2) |
| D200  | * C3 (#1, #2) |
| D201  | * E3 (#1, #2) |
| D202  | * C3 (#1, #2) |
| D203  | * D3 (#1, #2) |
| FL1   | D1 (#1, #2)   |
| FL2   | D1 (#1, #2)   |
| FL3   | D2 (#1, #2)   |
| FL4   | D2 (#1, #2)   |
| IC100 | * A4 (#1, #2) |
| IC101 | * A4 (#1, #2) |
| IC102 | * A4 (#1, #2) |
| IC103 | * B4 (#1, #2) |
| IC200 | * C4 (#1, #2) |
| IC201 | * D4 (#1, #2) |
| IC202 | * C4 (#1, #2) |
| IC203 | * D4 (#1, #2) |
| S1    | A2 (#1, #2)   |
| S2    | B2 (#1, #2)   |
| S3    | C2 (#1, #2)   |
| S4    | D2 (#1, #2)   |
| S100  | A3 (#1, #2)   |
| S101  | B3 (#1, #2)   |
| S200  | C3 (#1, #2)   |
| S201  | D3 (#1, #2)   |
| T1    | A2 (#1, #2)   |
| T2    | A1 (#1, #2)   |
| T3    | D1 (#1, #2)   |
| T4    | D2 (#1, #2)   |

#1: CP-281  
#2: CP-281J



CP-281/281B/281C/281J -A SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P

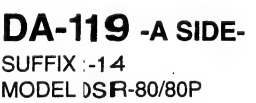


CP-281/281B/281C/281J -B SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P







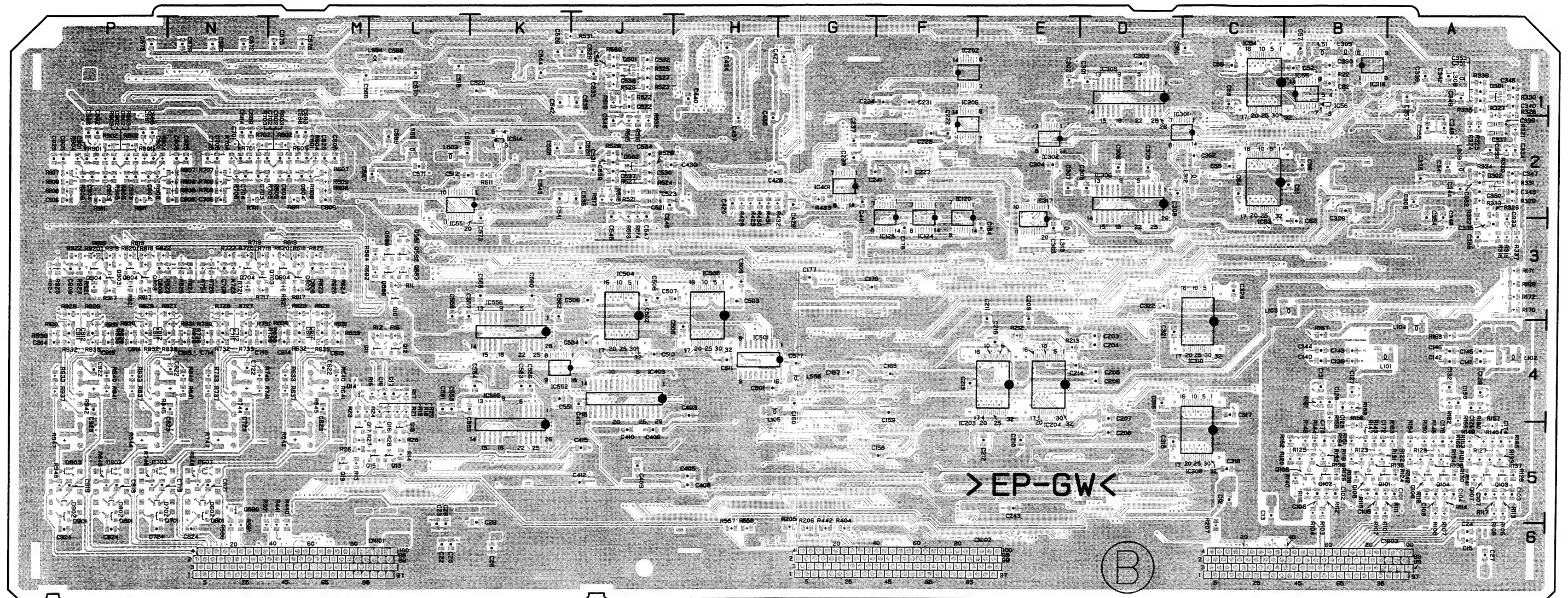


\* : B SIDE

12-6 (c)

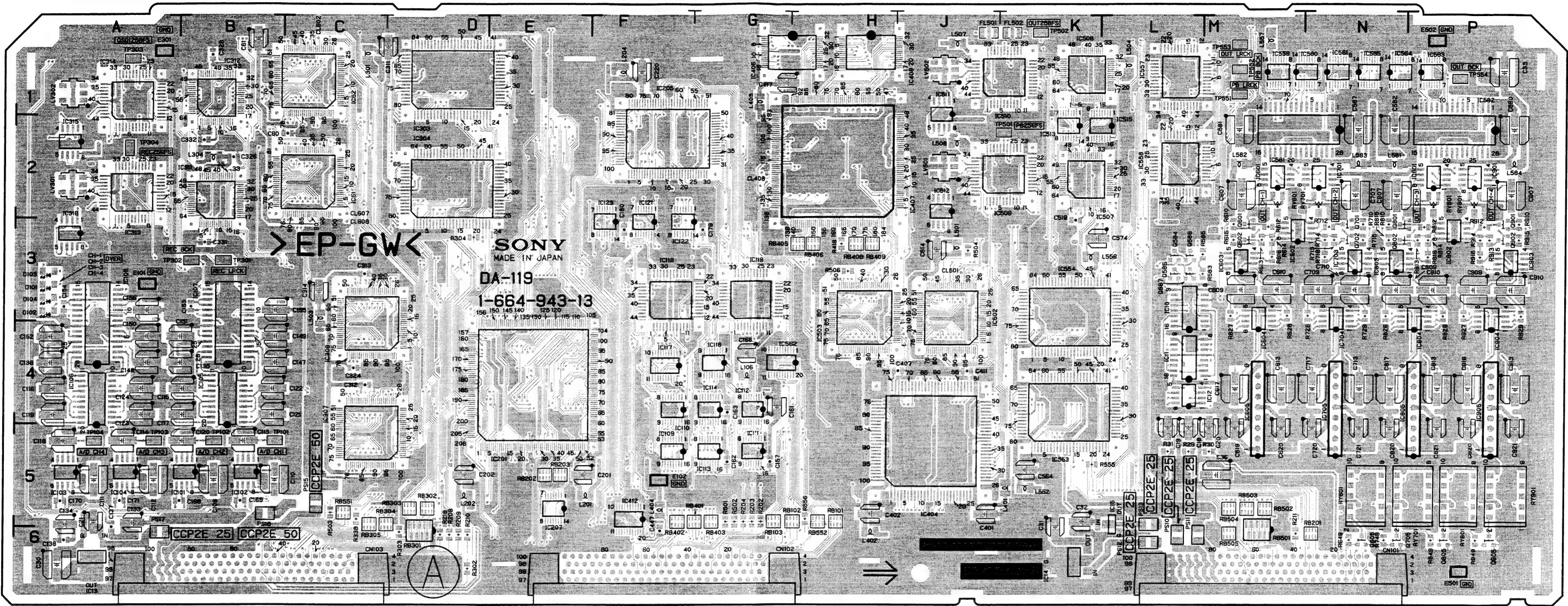
12-6 (c)





DA-119 -B SIDE-  
SUFFIX : -14  
MODEL DSR-80/80P





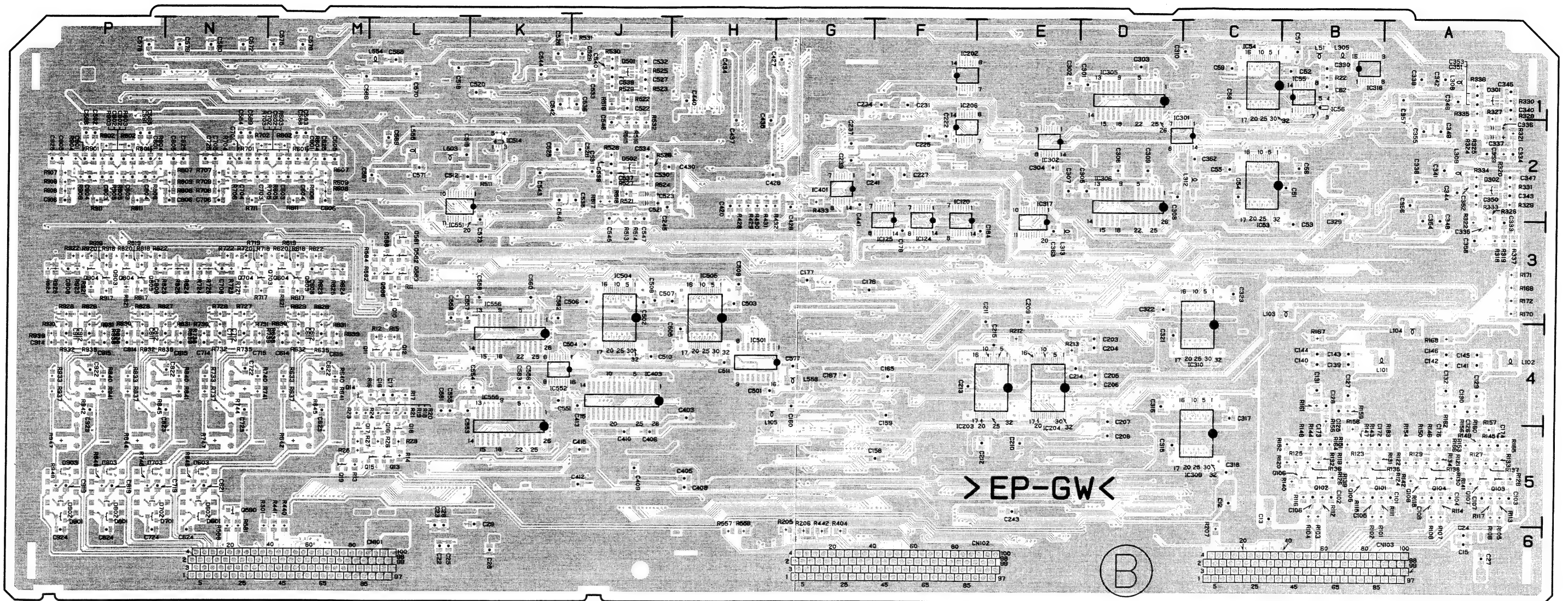
DA-119 -A SIDE-  
SUFFIX: -13  
MODEL DSR-80/80P

DA-119 (1-664-943-13)

\*: B SIDE

|       |      |       |      |       |      |       |      |       |      |       |    |      |      |      |      |      |      |       |      |       |    |       |    |
|-------|------|-------|------|-------|------|-------|------|-------|------|-------|----|------|------|------|------|------|------|-------|------|-------|----|-------|----|
| CN101 | N6   | E102  | F5   | IC107 | B4   | IC302 | * E2 | IC503 | H3   | IC565 | N1 | L51  | * B1 | L508 | J2   | Q16  | * L5 | Q605  | N6   | RB304 | D5 | TP101 | B5 |
| CN102 | G6   | E301  | A1   | IC108 | A4   | IC303 | D1   | IC504 | * J3 | IC581 | M2 | L101 | * A4 | L552 | K5   | Q17  | * M5 | Q701  | N3   | RB305 | C5 | TP102 | B5 |
| CN103 | C6   | E501  | P6   | IC109 | F5   | IC304 | D2   | IC505 | * H3 | IC582 | P2 | L102 | * A4 | L554 | * L1 | Q18  | * L5 | Q702  | N3   | RB401 | G5 | TP103 | A5 |
|       |      | E502  | F1   | IC110 | F4   | IC305 | * D1 | IC507 | K2   | IC601 | M2 | L103 | * B3 | L555 | * L2 | Q19  | * M5 | Q703  | * N3 | RB402 | F5 | TP104 | A5 |
| D101  | A3   |       |      | IC111 | G5   | IC306 | * D2 | IC508 | K1   | IC602 | M3 | L104 | * A4 | L556 | K3   | Q101 | * A5 | Q704  | * N3 | RB403 | G5 | TP301 | B3 |
| D102  | A3   | FL501 | J1   | IC112 | G4   | IC307 | C5   | IC509 | K2   | IC603 | M3 | L105 | * H4 | L557 | M1   | Q102 | * B5 | Q705  | N6   | RB405 | H3 | TP302 | B3 |
| D103  | A3   | FL502 | K1   | IC113 | G5   | IC308 | C4   | IC510 | K1   | IC604 | M3 | L106 | G4   | L558 | * G4 | Q103 | * A5 | Q801  | N3   | RB406 | H3 | TP303 | A1 |
| D104  | A3   |       |      | IC114 | G4   | IC309 | * C5 | IC511 | J1   | IC605 | M5 | L201 | E5   | L581 | N2   | Q104 | * A5 | Q802  | N3   | RB408 | H3 | TP304 | A2 |
| D301  | * A1 | IC10  | L3   | IC116 | G4   | IC310 | * C4 | IC512 | J2   | IC701 | N2 | L202 | D5   | L582 | M2   | Q105 | * B5 | Q803  | * P3 | RB409 | H3 | TP501 | K2 |
| D302  | * A2 | IC11  | L4   | IC117 | F4   | IC311 | B2   | IC513 | K2   | IC703 | N3 | L204 | F1   | L583 | N2   | Q106 | * B5 | Q804  | * P3 | RB501 | M6 | TP502 | X1 |
| D501  | * J1 | IC12  | L4   | IC118 | F3   | IC312 | B1   | IC514 | * K2 | IC704 | N3 | L301 | C1   | L584 | P2   | Q107 | * A5 | Q805  | P6   | RB502 | M5 | TP551 | M1 |
| D502  | * J2 | IC13  | A6   | IC119 | G3   | IC313 | A2   | IC515 | K2   | IC705 | N5 | L303 | C3   |      |      | Q108 | * A5 | Q901  | P3   | RB503 | M5 | TP552 | M1 |
| D601  | * N5 | IC14  | K6   | IC120 | * F3 | IC314 | A1   | IC551 | * L2 | IC801 | P2 | L304 | B2   | PS10 | L6   | Q581 | * L3 | Q902  | P3   | RB504 | M5 | TP553 | M1 |
| D602  | * N5 | IC15  | L5   | IC121 | F3   | IC315 | A2   | IC552 | * K4 | IC802 | P3 | L305 | * B1 | PS11 | L6   | Q582 | * L3 | Q903  | * P3 | RB505 | M6 |       |    |
| D603  | * N5 | IC51  | C2   | IC122 | F3   | IC316 | A3   | IC553 | K4   | IC803 | N3 | L308 | * A1 | PS12 | L6   | Q583 | * L3 | Q904  | * P3 | RB551 | C5 |       |    |
| D701  | * P5 | IC52  | C1   | IC123 | F3   | IC317 | * E3 | IC554 | K3   | IC804 | P3 | L309 | * A2 | PS13 | L5   | Q584 | L3   | Q905  | * P6 | RB552 | H5 |       |    |
| D702  | * P5 | IC53  | * C2 | IC124 | * F3 | IC318 | * B1 | IC555 | * K5 | IC805 | P5 | L312 | * C2 | PS15 | C5   | Q585 | L3   |       |      |       |    |       |    |
| D703  | * P5 | IC54  | * C1 | IC125 | * F3 | IC401 | * G2 | IC556 | * K4 | IC901 | P2 | L313 | * E3 | PS16 | B5   | Q586 | * L3 | RB101 | H5   | RV601 | M2 |       |    |
| D801  | * P5 | IC55  | * B1 | IC201 | E4   | IC403 | * J4 | IC557 | L1   | IC903 | P3 | L401 | K5   | PS17 | A6   | Q587 | L3   | RB102 | H5   | RV701 | N2 |       |    |
| D802  | * P5 | IC56  | * B1 | IC202 | F1   | IC404 | J5   | IC558 | L2   | IC904 | P3 | L402 | H6   |      |      | Q588 | * L3 | RB103 | G5   | RV801 | P2 |       |    |
| D803  | * P5 | IC101 | B5   | IC203 | * E4 | IC406 | H1   | IC559 | M1   | IC905 | P5 | L403 | G1   | Q10  | * L3 | Q589 | N3   | RB201 | N6   | RV901 | P2 |       |    |
| D901  | * P5 | IC102 | B5   | IC204 | * E4 | IC407 | H2   | IC560 | N1   |       |    | L404 | F5   | Q11  | * L4 | Q590 | * N5 | RB202 | E5   |       |    |       |    |
| D902  | * P5 | IC103 | A5   | IC205 | F2   | IC408 | H1   | IC561 | N1   | LV301 | A2 | L501 | J3   | Q12  | * L4 | Q601 | M3   | RB203 | E5   | RY601 | N5 |       |    |
| D903  | * P5 | IC104 | A5   | IC206 | * F2 | IC412 | F5   | IC562 | G4   | LV302 | A1 | L503 | * L2 | Q13  | * L5 | Q602 | M3   | RB301 | D6   | RY701 | P5 |       |    |
|       |      | IC105 | B4   | IC207 | E5   | IC501 | * H4 | IC563 | P1   | LV501 | J2 | L504 | L1   | Q14  | * M4 | Q603 | * M3 | RB302 | D5   | RY801 | P5 |       |    |
| E101  | A3   | IC106 | A4   | IC301 | * C2 | IC502 | J3   | IC564 | N1   | LV502 | J1 | L507 | J1   | Q15  | * L5 | Q604 | * M3 | RB303 | D5   | RY901 | P5 |       |    |

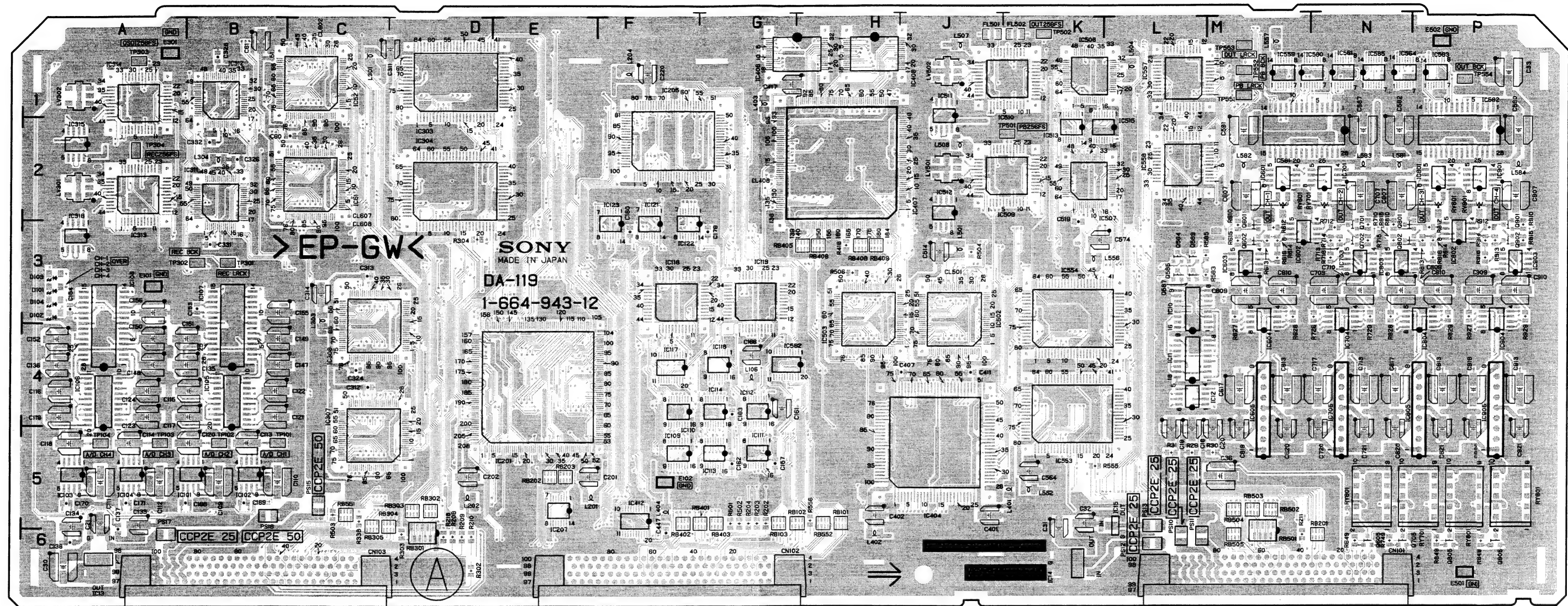




DA-119 -B SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P



## DA-119: AUDIO ANALOG/DIGITAL IN/OUT PROCESS

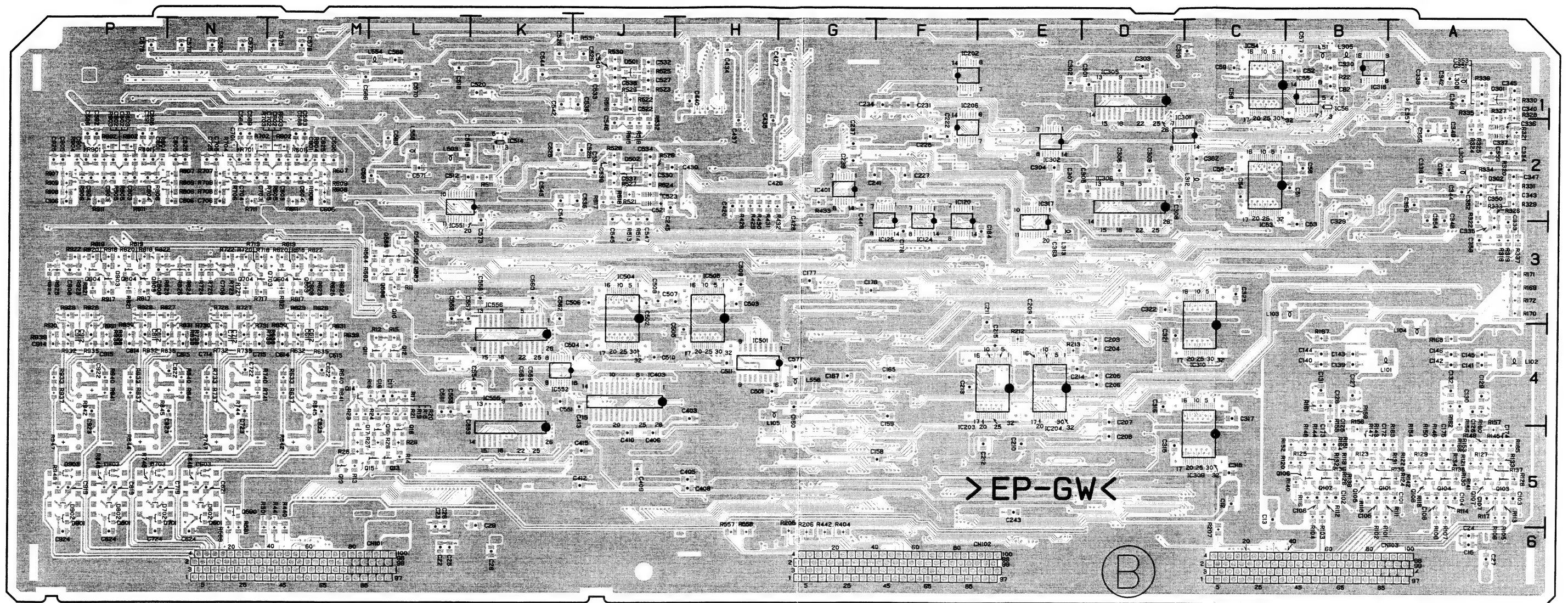


DA-119 (1-664-943-12)

\*: B SIDE

|       |      |       |    |       |      |       |      |       |      |       |    |      |      |      |      |      |      |       |      |       |    |       |    |
|-------|------|-------|----|-------|------|-------|------|-------|------|-------|----|------|------|------|------|------|------|-------|------|-------|----|-------|----|
| CN101 | N6   | E102  | F5 | IC107 | B4   | IC302 | * E2 | IC503 | H3   | IC565 | N1 | L51  | * B1 | L508 | J2   | Q16  | * L5 | Q605  | N6   | RB304 | D5 | TP101 | 35 |
| CN102 | G6   | E301  | A1 | IC108 | A4   | IC303 | D1   | IC504 | * J3 | IC581 | M2 | L101 | * A4 | L552 | K5   | Q17  | * M5 | Q701  | N3   | RB305 | C5 | TP102 | 35 |
| CN103 | C6   | E501  | P6 | IC109 | F5   | IC304 | D2   | IC505 | * H3 | IC582 | P2 | L102 | * A4 | L554 | * L1 | Q18  | * L5 | Q702  | N3   | RB401 | G5 | TP103 | 35 |
|       |      | E502  | P1 | IC110 | F4   | IC305 | * D1 | IC507 | K2   | IC601 | M2 | L103 | * B3 | L555 | * L2 | Q19  | * M5 | Q703  | * N3 | RB402 | F5 | TP104 | 35 |
| D101  | A3   |       |    | IC111 | G5   | IC306 | * D2 | IC508 | K1   | IC602 | M3 | L104 | * A4 | L556 | K3   | Q101 | * A5 | Q704  | * N3 | RB403 | G5 | TP301 | 33 |
| D102  | A3   | FL501 | J1 | IC112 | G4   | IC307 | C5   | IC509 | K2   | IC603 | M3 | L105 | * H4 | L557 | M1   | Q102 | * B5 | Q705  | N6   | RB405 | H3 | TP302 | 33 |
| D103  | A3   | FL502 | K1 | IC113 | G5   | IC308 | C4   | IC510 | K1   | IC604 | M3 | L106 | G4   | L558 | * G4 | Q103 | * A5 | Q801  | N3   | RB406 | H3 | TP303 | 33 |
| D104  | A3   |       |    | IC114 | G4   | IC309 | * C5 | IC511 | J1   | IC605 | M5 | L201 | E5   | L581 | N2   | Q104 | * A5 | Q802  | N3   | RB408 | H3 | TP304 | 33 |
| D301  | * A1 |       |    | IC116 | G4   | IC310 | * C4 | IC512 | J2   | IC701 | N2 | L202 | D5   | L582 | M2   | Q105 | * B5 | Q803  | * F3 | RB409 | H3 | TP501 | 33 |
| D302  | * A2 |       |    | IC117 | F4   | IC311 | B2   | IC513 | K2   | IC703 | N3 | L204 | F1   | L583 | N2   | Q106 | * B5 | Q804  | * P3 | RB501 | M6 | TP502 | 33 |
| D501  | * J1 |       |    | IC118 | F3   | IC312 | B1   | IC514 | * K2 | IC704 | N3 | L301 | C1   | L584 | P2   | Q107 | * A5 | Q805  | * P6 | RB502 | M5 | TP551 | 33 |
| D502  | * J2 |       |    | IC119 | G3   | IC313 | A2   | IC515 | K2   | IC705 | N5 | L303 | C3   |      |      | Q108 | * A5 | Q901  | P3   | RB503 | M5 | TP552 | 33 |
| D601  | * N5 |       |    | IC120 | * F3 | IC314 | A1   | IC551 | * L2 | IC801 | P2 | L304 | B2   | PS10 | L6   | Q109 | * L3 | Q902  | P3   | RB504 | M5 | TP553 | 33 |
| D602  | * N5 |       |    | IC121 | F3   | IC315 | A2   | IC552 | * K4 | IC802 | P3 | L305 | * B1 | PS11 | L6   | Q110 | * L3 | Q903  | * P3 | RB505 | M6 | TP554 | 33 |
| D603  | * N5 |       |    | IC122 | F3   | IC316 | A3   | IC553 | K4   | IC803 | N3 | L308 | * A1 | PS12 | L6   | Q111 | * L3 | Q904  | * P3 | RB551 | C5 |       |    |
| D701  | * P5 |       |    | IC123 | F3   | IC317 | * E3 | IC554 | K3   | IC804 | P3 | L309 | * A2 | PS13 | L5   | Q112 | * L3 | Q905  | * P6 | RB552 | H5 |       |    |
| D702  | * P5 |       |    | IC124 | * F3 | IC318 | * B1 | IC555 | * K5 | IC805 | P5 | L312 | * C2 | PS15 | C5   | Q113 | * L3 |       |      |       |    |       |    |
| D703  | * P5 |       |    | IC125 | * F3 | IC319 | * G2 | IC556 | * K4 | IC901 | P2 | L313 | * E3 | PS16 | B5   | Q114 | * L3 | RB101 | H5   | RV601 | M2 |       |    |
| D801  | * P5 |       |    | IC201 | E4   | IC401 | * G2 | IC557 | L1   | IC903 | P3 | L401 | K5   | PS17 | A6   | Q115 | * L3 | RB102 | H5   | RV701 | N2 |       |    |
| D802  | * P5 |       |    | IC202 | * F1 | IC404 | J5   | IC558 | L2   | IC904 | P3 | L402 | H6   |      |      | Q116 | * L3 | RB103 | G5   | RV801 | P2 |       |    |
| D803  | * P5 |       |    | IC203 | * E4 | IC406 | H1   | IC559 | M1   | IC905 | P5 | L403 | G1   |      |      | Q117 | * L3 | RB201 | N6   | RV901 | P2 |       |    |
| D901  | * P5 |       |    | IC204 | * E4 | IC407 | H2   | IC560 | N1   |       |    | L404 | F5   |      |      | Q118 | * L3 | RB202 | E5   |       |    |       |    |
| D902  | * P5 |       |    | IC205 | F2   | IC408 | H1   | IC561 | N1   | LV301 | A2 | L501 | J3   |      |      | Q119 | * L3 | RB203 | E5   |       |    |       |    |
| D903  | * P5 |       |    | IC206 | * F2 | IC412 | F5   | IC562 | G4   | LV302 | A1 | L503 | * L2 |      |      | Q120 | * L3 | RB301 | D6   |       |    |       |    |
|       |      |       |    | IC207 | E5   | IC501 | * H4 | IC563 | P1   | LV501 | J2 | L504 | L1   |      |      | Q121 | * L3 | RB302 | D5   |       |    |       |    |
| E101  | A3   |       |    | IC208 | * C2 | IC502 | J3   | IC564 | N1   | LV502 | J1 | L507 | J1   |      |      | Q122 | * L3 | RB303 | D5   |       |    |       |    |

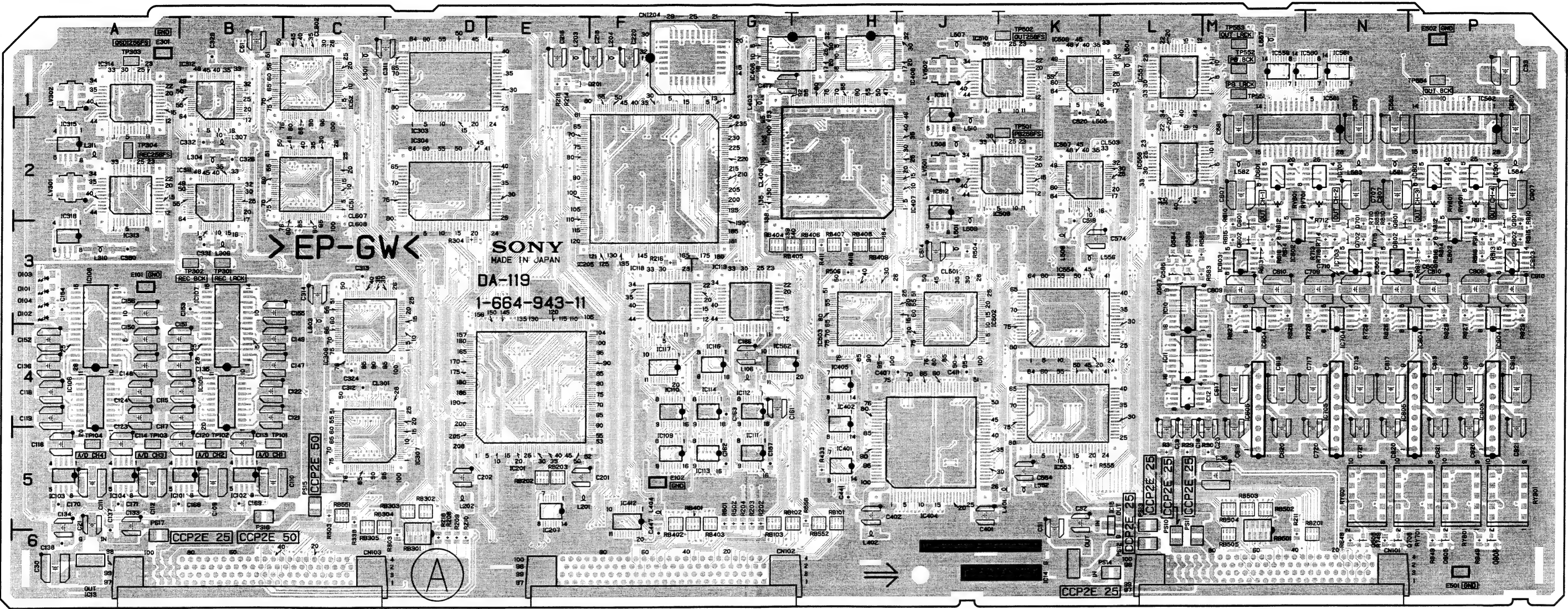




DA-119 -B SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P



DA-119: AUDIO ANALOG/DIGITAL IN/OUT PROCESS



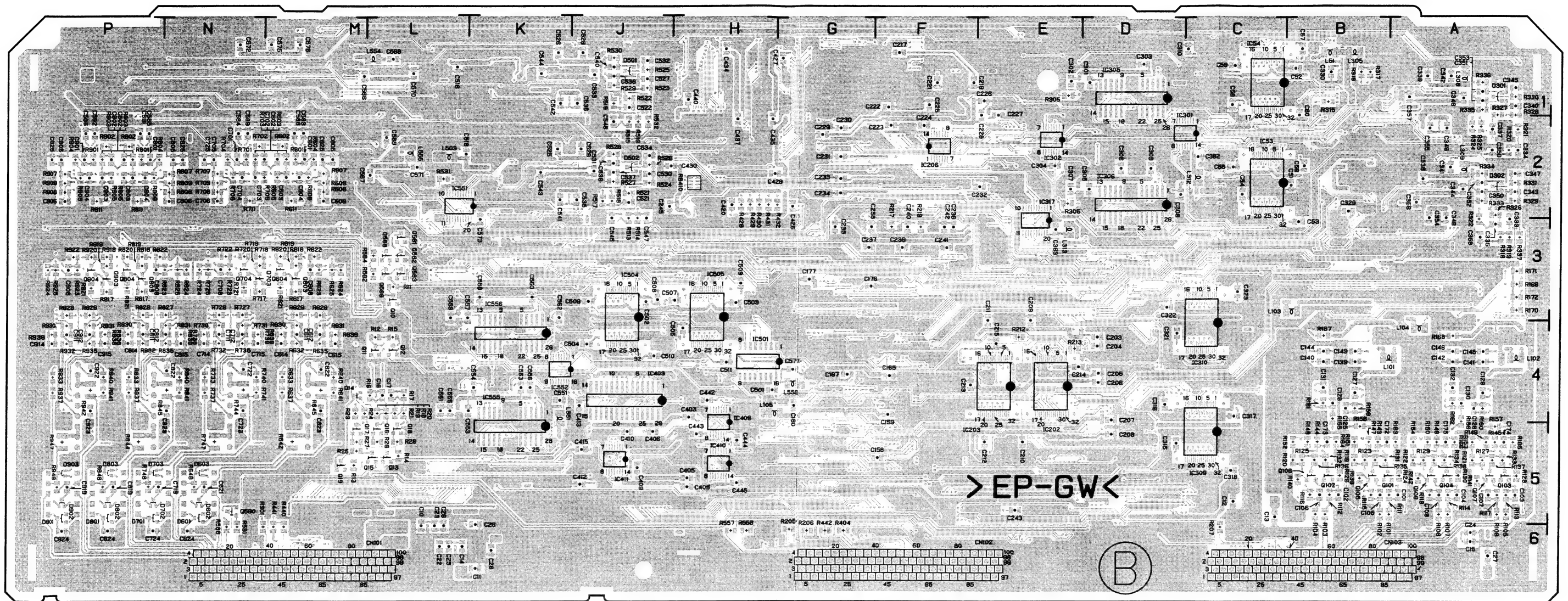
DA-119 -A SIDE-  
SUFFIX : 11  
MODEL DSR-80/80P

DA-119 (1-664-943-11)

\*: B SIDE

|        |      |      |      |       |      |       |      |       |      |       |      |      |      |      |      |      |      |       |      |       |      |       |    |
|--------|------|------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|------|------|------|-------|------|-------|------|-------|----|
| CNI204 | G1   | D903 | * P5 | IC109 | F5   | IC311 | B2   | IC509 | K2   | IC705 | N5   | L204 | F1   | L551 | * K4 | Q16  | * L5 | Q605  | N6   | RB304 | D5   | RY701 | P5 |
| CNI01  | N6   | E101 | A3   | IC110 | F4   | IC312 | B1   | IC510 | K1   | IC801 | P2   | L301 | C1   | L552 | * K5 | Q17  | * M5 | Q701  | N3   | RB305 | C5   | RY801 | P5 |
| CNI02  | G6   | E102 | F5   | IC111 | G5   | IC313 | A2   | IC511 | J1   | IC802 | P3   | L303 | C3   | L553 | * L1 | Q18  | * L5 | Q702  | N3   | RB401 | G5   | RY901 | P5 |
| CNI03  | C6   | E301 | A1   | IC112 | G4   | IC314 | A1   | IC512 | J2   | IC803 | N3   | L304 | B2   | L554 | * L2 | Q19  | * M5 | Q703  | * N3 | RB402 | F5   |       |    |
|        |      | E501 | P6   | IC113 | G5   | IC315 | A2   | IC551 | * L2 | IC804 | P3   | L305 | * B1 | L556 | K3   | Q101 | * A5 | Q704  | * N3 | RB403 | G5   | TP101 | B5 |
|        |      | E502 | P1   | IC114 | G4   | IC316 | A3   | IC552 | * K4 | IC805 | P5   | L306 | B3   | L557 | M1   | Q102 | * B5 | Q705  | N6   | RB404 | G3   | TP102 | B5 |
| D101   | A3   |      |      | IC116 | G4   | IC317 | * E3 | IC553 | K4   | IC901 | P2   | L307 | B2   | L558 | * G4 | Q103 | * A5 | Q801  | N3   | RB405 | H3   | TP103 | A5 |
| D102   | A3   |      |      | IC117 | F4   | IC401 | H5   | IC554 | K3   | IC903 | P3   | L308 | * A1 | L581 | N2   | Q104 | * A5 | Q802  | N3   | RB406 | H3   | TP104 | A5 |
| D103   | A3   |      |      | IC118 | F3   | IC402 | H4   | IC555 | * K5 | IC904 | P3   | L309 | * A2 | L582 | M2   | Q105 | * B5 | Q803  | * P3 | RB407 | H3   | TP301 | B3 |
| D104   | A3   |      |      | IC119 | G3   | IC403 | * J4 | IC556 | * K4 | IC905 | P5   | L310 | A3   | L583 | N2   | Q106 | * B5 | Q804  | * P3 | RB408 | H3   | TP302 | B3 |
| D201   | E1   |      |      | IC120 | E4   | IC404 | J5   | IC557 | L1   |       |      | L311 | A2   | L584 | P2   | Q107 | * A5 | Q805  | * P6 | RB409 | H3   | TP303 | A1 |
| D301   | * A1 |      |      | IC121 | E4   | IC405 | H4   | IC558 | L2   | LV301 | A2   | L312 | * C2 |      |      | Q108 | * A5 | Q901  | P3   | RB410 | * H2 | TP304 | A2 |
| D302   | * A2 |      |      | IC122 | E4   | IC406 | H1   | IC559 | M1   | LV302 | A1   | L313 | * E3 | PS10 | L6   | Q109 | * A5 | Q902  | P3   |       |      | TP501 | K2 |
| D501   | * J1 |      |      | IC123 | F2   | IC407 | H2   | IC560 | N1   | LV501 | J2   | L401 | K5   | PS11 | L6   | Q581 | * L3 | Q903  | * P3 | RB502 | M5   | TP502 | K1 |
| D502   | * J2 |      |      | IC124 | F2   | IC408 | H1   | IC561 | N1   | LV502 | J1   | L402 | H6   | PS12 | L6   | Q582 | * L3 | Q904  | * P3 | RB503 | M5   | TP551 | M1 |
| D601   | * N5 |      |      | IC125 | C1   | IC409 | * H5 | IC562 | G4   |       |      | L403 | G1   | PS13 | L5   | Q583 | * L3 | Q905  | * P6 | RB504 | M5   | TP552 | M1 |
| D602   | * N5 |      |      | IC126 | * C2 | IC410 | * H5 | IC581 | M2   | L51   | * B1 | L404 | F5   | PS15 | C5   | Q584 | * L3 |       |      | RB505 | M6   | TP553 | M1 |
| D603   | * N5 |      |      | IC127 | E5   | IC411 | * J5 | IC582 | P2   | L101  | * A4 | L501 | J3   | PS16 | B5   | Q585 | * L3 | RB101 | H5   | RB551 | C5   | TP554 | P1 |
| D701   | * P5 |      |      | IC128 | D1   | IC412 | F5   | IC601 | M2   | L102  | * A4 | L503 | * L2 | PS17 | A6   | Q586 | * L3 | RB102 | H5   | RB552 | H5   |       |    |
| D702   | * P5 |      |      | IC129 | D2   | IC501 | * H4 | IC602 | M3   | L103  | * B3 | L504 | L1   |      |      | Q587 | * L3 | RB103 | G5   |       |      |       |    |
| D703   | * P5 |      |      | IC130 | A5   | IC502 | J3   | IC603 | M3   | L104  | * A4 | L505 | K1   | Q10  | * L3 | Q588 | * L3 | RB201 | N6   | RV601 | M2   |       |    |
| D801   | * P5 |      |      | IC104 | A5   | IC503 | H3   | IC604 | M3   | L105  | * H4 | L506 | K3   | Q11  | * L4 | Q589 | * N5 | RB202 | E5   | RV701 | N2   |       |    |
| D802   | * P5 |      |      | IC105 | B4   | IC504 | * J3 | IC605 | M5   | L106  | G4   | L507 | J1   | Q12  | * L4 | Q590 | * M3 | RB203 | E5   | RV801 | P2   |       |    |
| D803   | * P5 |      |      | IC106 | A4   | IC505 | * H3 | IC701 | N2   | L201  | E5   | L508 | J2   | Q13  | * L5 | Q601 | M3   | RB301 | D6   | RV901 | P2   |       |    |
| D901   | * P5 |      |      | IC107 | B4   | IC507 | K2   | IC703 | N3   | L202  | D5   | L509 | J3   | Q14  | * M4 | Q602 | * M3 | RB302 | D5   |       |      |       |    |
| D902   | * P5 |      |      | IC108 | A4   | IC508 | K1   | IC704 | N3   | L203  | E1   | L510 | J2   | Q15  | * L5 | Q603 | * M3 | RB303 | D5   | RY601 | N5   |       |    |

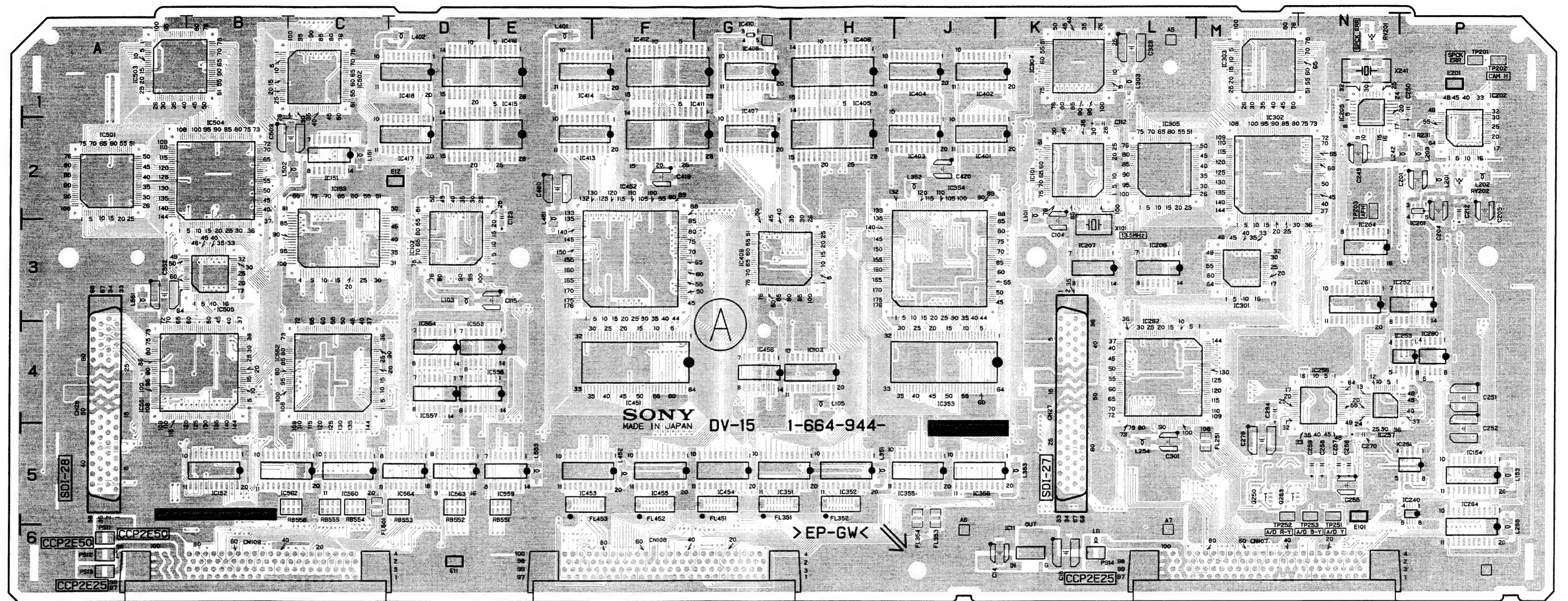




DA-119 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P



DV-15/15A: VIDEO DIGITAL IN/OUT PROCESS



**DV-15/15A -A SIDE-**  
 SUFFIX : -13, 14  
 MODEL DSR-80/80P

DV-15/15A (1-664-944-13, 14)

\*: B SIDE

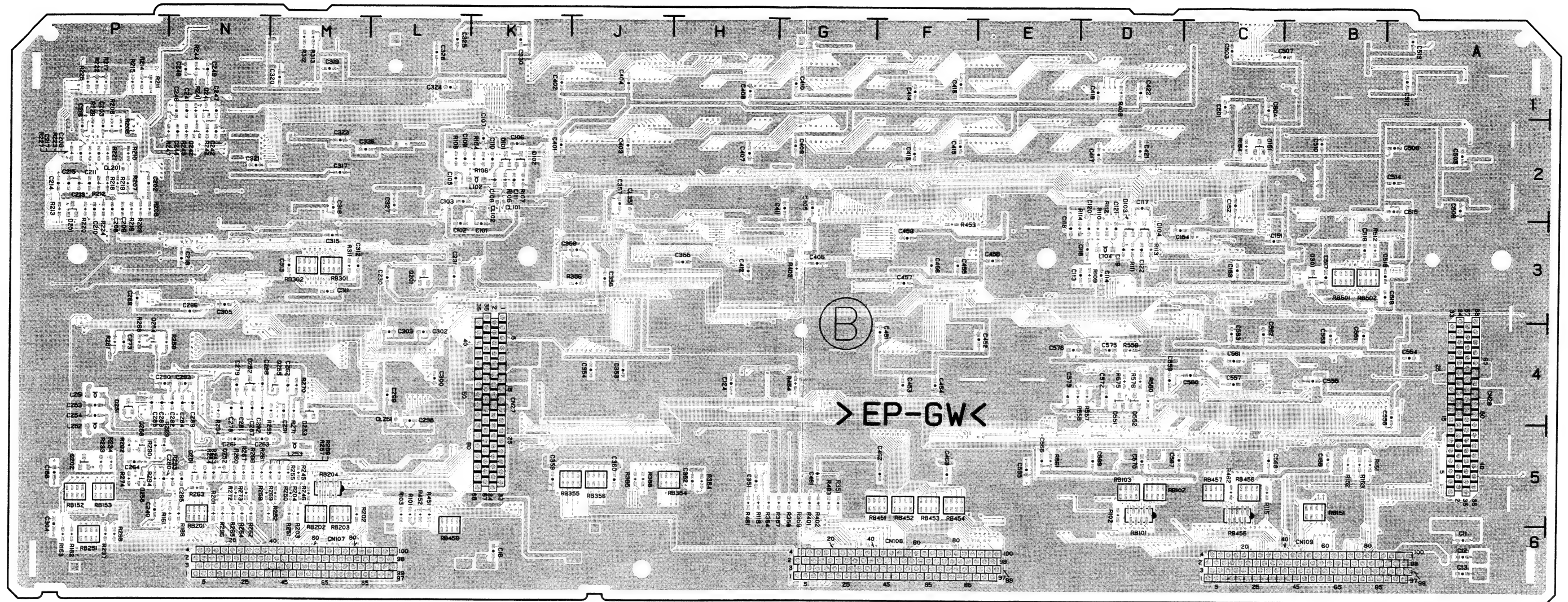
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| CN27  | K3   | FL453 | E5 | IC303 | M1 | IC452 | F3   | L153 | P5   | Q202  | * P5 | RB355 | * J5 |
| CN28  | A5   | FL501 | C5 | IC304 | K1 | IC453 | E5   | L201 | P2   | Q241  | * N1 | RB356 | * J5 |
| CN107 | N6   |       |    | IC305 | L2 | IC454 | G5   | L202 | P2   | Q250  | * M5 | RB451 | * F5 |
| CN108 | G6   | IC11  | K6 | IC351 | G5 | IC455 | F5   | L203 | P2   | Q251  | * N5 | RB452 | * F5 |
| CN109 | C6   | IC101 | K2 | IC352 | H5 | IC456 | G4   | L242 | P2   | Q252  | * N5 | RB453 | * F5 |
|       |      | IC102 | D3 | IC501 | J4 | IC502 | A2   | L251 | * P4 | Q253  | * M5 | RB454 | * F5 |
| D101  | * K2 | IC103 | H4 | IC503 | J5 | IC504 | B2   | L252 | * P5 | Q254  | * P4 | RB455 | * C5 |
| D102  | * K2 | IC151 | C2 | IC505 | J5 | IC551 | B4   | L253 | * M5 | Q255  | * M4 | RB456 | * C5 |
| D103  | * D3 | IC152 | B5 | IC506 | J5 | IC552 | C4   | L254 | * L5 | Q256  | * P5 | RB457 | * C5 |
| D104  | * D3 | IC153 | C3 | IC507 | J5 | IC553 | D4   | L255 | * P6 | Q258  | * P5 | RB458 | * L6 |
| D151  | * C2 | IC154 | P5 | IC508 | G1 | IC554 | D4   | L303 | L1   | Q301  | * B3 | RB501 | * B3 |
| D201  | * P2 | IC201 | P2 | IC509 | J4 | IC555 | D4   | L351 | H5   | Q551  | * D4 | RB502 | * B3 |
| D251  | * P4 | IC202 | P2 | IC510 | G1 | IC556 | D4   | L352 | J2   | Q552  | * D4 | RB551 | E5   |
| D252  | * M4 | IC204 | N3 | IC511 | F2 | IC557 | D4   | L353 | K5   |       |      | RB552 | D5   |
| D253  | * M4 | IC205 | N1 | IC512 | F1 | IC558 | D4   | L401 | E1   | RB101 | * D5 | RB553 | D5   |
|       |      | IC206 | L3 | IC513 | E2 | IC559 | E5   | L402 | D1   | RB102 | * D5 | RB554 | C5   |
| E11   | D6   | IC207 | K3 | IC514 | E1 | IC560 | C5   | L451 | E2   | RB103 | * D5 | RB555 | C5   |
| E12   | D2   | IC240 | P5 | IC515 | D2 | IC561 | C5   | L452 | F5   | RB151 | * B5 | RB556 | C5   |
| E101  | N5   | IC251 | P5 | IC516 | D1 | IC562 | D5   | L502 | C2   | RB152 | * P5 |       |      |
| E201  | F1   | IC252 | P3 | IC517 | D2 | IC563 | D5   | L551 | A3   | RB153 | * P5 | RV201 | N1   |
|       |      | IC253 | P4 | IC518 | D1 | IC564 | D5   | L553 | E5   | RB201 | * N5 |       |      |
| FL251 | M5   | IC254 | N4 | IC519 | D2 |       |      |      |      | RB202 | * M5 | TP201 | P1   |
| FL351 | G5   | IC255 | N4 | IC520 | D2 | L11   | L6   | PS11 | A6   | RB203 | * M5 | TP251 | N5   |
| FL352 | H5   | IC256 | N3 | IC521 | D2 | L101  | K2   | PS12 | A6   | RB204 | * M5 | TP252 | M5   |
| FL353 | J5   | IC257 | N4 | IC522 | D2 | L102  | * K2 | PS13 | A6   | RB251 | * P6 | TP253 | N5   |
| FL354 | J5   | IC262 | L4 | IC523 | D2 | L103  | D3   | PS14 | L6   | RB301 | * M3 |       |      |
| FL451 | G5   | IC264 | P6 | IC524 | D1 | L104  | * D3 |      |      | RB302 | * M3 | X101  | K3   |
| FL452 | F5   | IC280 | P4 | IC525 | D1 | L105  | H4   |      |      | RB354 | * J5 | X241  | N1   |
|       |      | IC302 | M2 | IC526 | F4 | L151  | C2   | Q201 | * L3 |       |      |       |      |

12-8 (b)

12-8 (b)

DSR-80/80P





**DV-15/15A -B SIDE-**  
SUFFIX : -13, 14  
MODEL DSR-80/80P





SUFFIX : -12  
MODEL DSR-80/80P

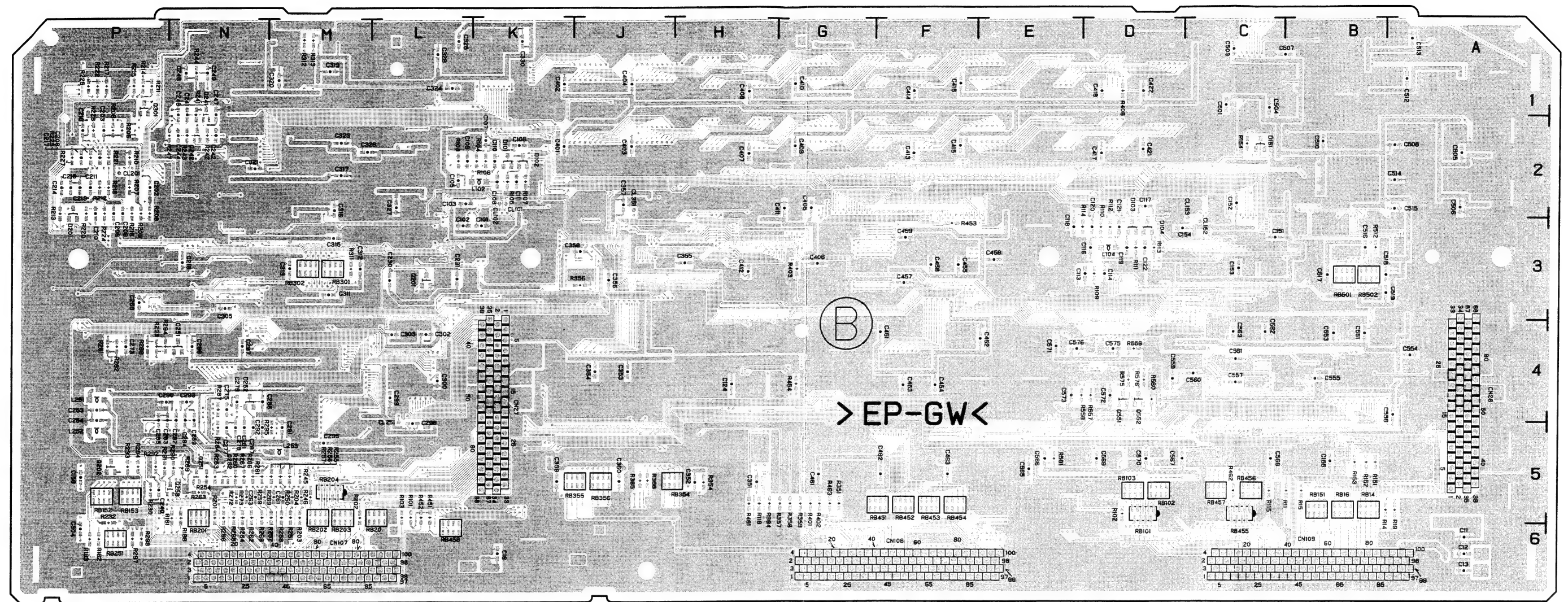
DV-15/15A (1-664-944-12)

\* : B SIDE

|       |      |       |    |       |    |       |      |      |      |       |      |       |      |
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| CN27  | K3   | FL453 | E5 | IC303 | M1 | IC452 | F3   | L153 | P5   | Q202  | * P5 | RB355 | * J5 |
| CN28  | A5   | FL501 | C5 | IC304 | K1 | IC453 | E5   | L201 | P2   | Q241  | * N1 | RB356 | * J5 |
| CN107 | N6   |       |    | IC305 | L2 | IC454 | G5   | L202 | P2   | Q250  | M5   | RB451 | * F5 |
| CN108 | G6   | IC11  | K6 | IC351 | G5 | IC455 | F5   | L203 | P2   | Q251  | * N5 | RB452 | * F5 |
| CN109 | C6   | IC101 | K2 | IC352 | H5 | IC456 | G4   | L242 | P2   | Q252  | * N5 | RB453 | * F5 |
|       |      | IC102 | D3 | IC353 | J4 | IC501 | A2   | L251 | * P4 | Q253  | M5   | RB454 | * F5 |
| D101  | * K2 | IC103 | H4 | IC354 | J3 | IC502 | C1   | L252 | * P5 | Q254  | * P4 | RB455 | * C5 |
| D102  | * K2 | IC151 | C2 | IC355 | J5 | IC503 | A1   | L253 | * M5 | Q255  | * M4 | RB456 | * C5 |
| D103  | * D3 | IC152 | B5 | IC356 | J5 | IC504 | B2   | L254 | L5   | Q256  | * P5 | RB457 | * C5 |
| D104  | * D3 | IC153 | C3 | IC401 | J2 | IC551 | B4   | L255 | P6   | Q258  | * P5 | RB458 | * L6 |
| D151  | * C2 | IC154 | P5 | IC402 | J1 | IC552 | C4   | L303 | L1   | Q301  | * B3 | RB501 | * B3 |
| D201  | * P2 | IC201 | P2 | IC403 | J2 | IC553 | D4   | L351 | H5   | Q551  | * D4 | RB502 | * B3 |
| D251  | * P4 | IC202 | P2 | IC404 | J1 | IC554 | D4   | L352 | J2   | Q552  | * D4 | RB551 | E5   |
| D252  | * N4 | IC204 | N3 | IC405 | H2 | IC557 | D4   | L353 | K5   |       |      | RB552 | D5   |
| D253  | * M4 | IC205 | N1 | IC406 | H1 | IC558 | D4   | L401 | E1   | RB101 | * D5 | RB553 | D5   |
|       |      | IC206 | L3 | IC407 | G2 | IC559 | E5   | L402 | D1   | RB102 | * D5 | RB554 | C5   |
| E11   | D6   | IC207 | K3 | IC408 | G1 | IC560 | C5   | L451 | E2   | RB103 | * D5 | RB555 | C5   |
| E12   | D2   | IC240 | P5 | IC409 | G3 | IC562 | C5   | L452 | F5   | RB151 | * B5 | RB556 | C5   |
| E101  | N5   | IC251 | P5 | IC410 | G1 | IC563 | D5   | L502 | C2   | RB152 | * P5 |       |      |
| E201  | P1   | IC252 | P3 | IC411 | F2 | IC564 | D5   | L551 | A3   | RB153 | * P5 | RV201 | N1   |
|       |      | IC253 | P4 | IC412 | F1 |       |      | L553 | E5   | RB201 | * N5 |       |      |
| FL251 | M5   | IC256 | N4 | IC413 | E2 | L11   | L6   |      |      | RB202 | * M5 | TP201 | P1   |
| FL351 | G5   | IC257 | N4 | IC414 | E1 | L101  | K2   | PS11 | A6   | RB203 | * M5 | TP251 | N5   |
| FL352 | H5   | IC261 | N3 | IC415 | D2 | L102  | * K2 | PS12 | A6   | RB204 | * M5 | TP252 | M5   |
| FL353 | J5   | IC262 | L4 | IC416 | D1 | L103  | D3   | PS13 | A6   | RB251 | * P6 | TP253 | N5   |
| FL354 | J5   | IC264 | P6 | IC417 | D2 | L104  | * D3 | PS14 | L6   | RB301 | * M3 |       |      |
| FL451 | G5   | IC280 | P4 | IC418 | D1 | L105  | H4   |      |      | RB302 | * M3 | X101  | K3   |
| FL452 | F5   | IC302 | M2 | IC451 | F4 | L151  | C2   | Q201 | * L3 | RB354 | * J5 | X241  | N1   |

12-8 (a)





**DV-15/15A -B SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P





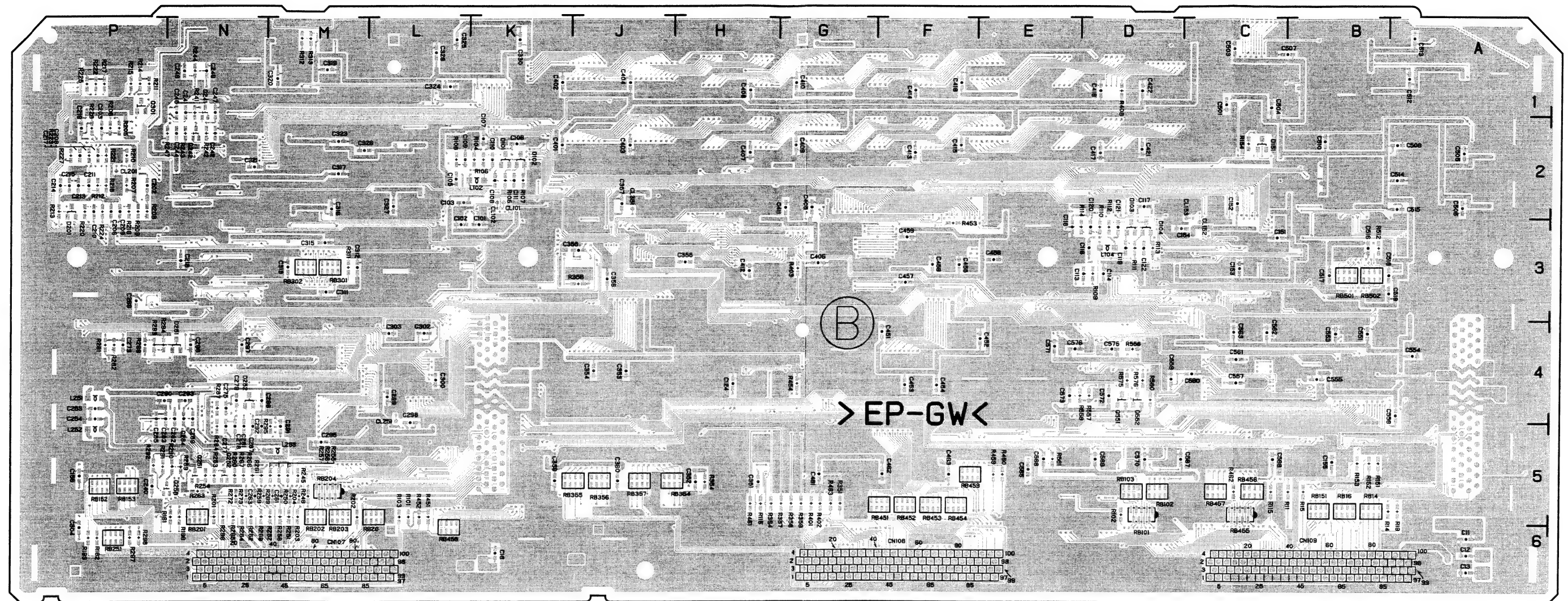
**DV-15/15A -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P

DV-15/15A (1-664-944-11)

\* : B SIDE

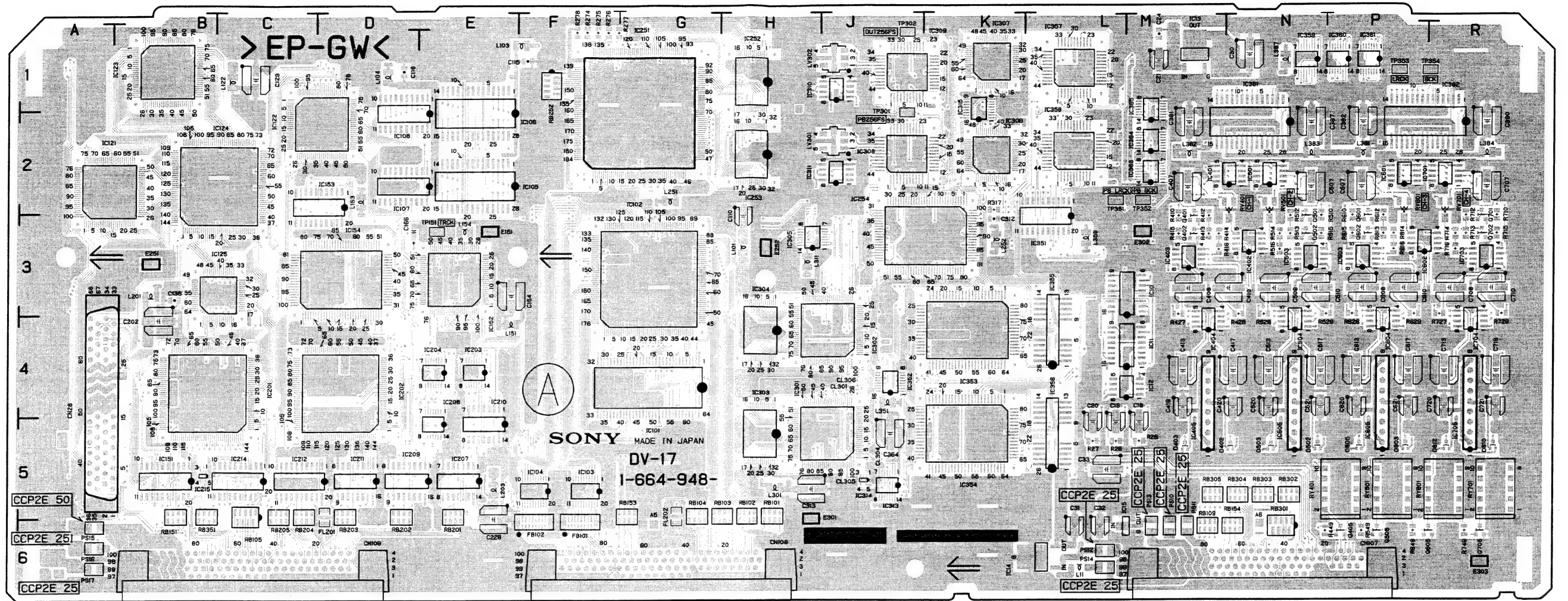
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|-------|------|-------|---------|-------|----|-------|---------|------|---------|-------|-----------|-------|-----------|------------|---------|
| CN27  | K3   | IC101 | K2      | IC303 | M1 | IC452 | F3      | L151 | C2      | PS14  | L6        | RB301 | * M3 (#1) | TP252      | M5      |
| CN28  | A5   | IC102 | D3      | IC304 | K1 | IC453 | E5      | L152 | B5      |       |           | RB302 | * M3 (#1) | TP253      | N5      |
| CN107 | N6   | IC103 | H4      | IC305 | L2 | IC454 | G5      | L153 | P5      | Q241  | * N1 (#1) | RB354 | * J5      |            |         |
| CN108 | G6   | IC151 | C2      | IC351 | G5 | IC455 | F5      | L201 | P2      | Q242  | * N2 (#1) | RB355 | * J5      | X101       | K3      |
| CN109 | C6   | IC152 | B5      | IC352 | H5 | IC456 | G4      | L202 | P2      | Q250  | M5        | RB356 | * J5      | X241       | N1 (#1) |
|       |      | IC153 | C3      | IC353 | J4 | IC501 | A2      | L203 | P2      | Q251  | * N5 (#1) | RB357 | * J5      |            |         |
| D101  | * K2 | IC154 | P5      | IC354 | J3 | IC502 | C1      | L242 | P2 (#1) | Q252  | * N5 (#1) | RB451 | * F5      | #1: DV-15  |         |
| D102  | * K2 | IC201 | F2      | IC355 | J5 | IC503 | A1      | L251 | * P4    | Q253  | M5        | RB452 | * F5      | #2: DV-15A |         |
| D103  | * D3 | IC202 | F2      | IC356 | J5 | IC504 | B2      | L252 | * P5    | Q258  | * N5      | RB453 | * F5      |            |         |
| D104  | * D3 | IC203 | N2      | IC401 | J2 | IC505 | B3 (#2) | L253 | * M5    | Q301  | * P1      | RB454 | * F5      |            |         |
| D151  | * C2 | IC204 | N3      | IC402 | J1 | IC551 | B4      | L254 | L5      | Q551  | * D4 (#1) | RB455 | * C5      |            |         |
| D201  | * P2 | IC205 | N1 (#1) | IC403 | J2 | IC552 | C4 (#1) | L255 | P6      | Q552  | * D4 (#1) | RB456 | * C5      |            |         |
| D251  | * N4 | IC240 | P5      | IC404 | J1 | IC553 | D4 (#1) | L303 | L1      |       |           | RB457 | * C5      |            |         |
| D252  | * N4 | IC251 | N5      | IC405 | H2 | IC554 | D4 (#1) | L351 | H5      | RB14  | * B5      | RB458 | * L6      |            |         |
|       |      | IC252 | P3      | IC406 | H1 | IC557 | D4 (#1) | L352 | J2      | RB15  | L5        | RB459 | * F5      |            |         |
| E11   | D6   | IC255 | P4      | IC407 | G2 | IC558 | D4 (#1) | L353 | K5      | RB16  | * B5      | RB501 | * B3 (#1) |            |         |
| E12   | D2   | IC256 | N4      | IC408 | G1 | IC559 | E5      | L401 | E1      | RB20  | * L5      | RB502 | * B3 (#1) |            |         |
| E101  | N5   | IC257 | N4      | IC409 | G3 | IC560 | C5      | L402 | D1      | RB101 | * D5      | RB551 | J5        |            |         |
| E201  | P1   | IC258 | M4      | IC410 | G1 | IC562 | C5      | L451 | E2      | RB102 | * D5      | RB552 | D5        |            |         |
|       |      | IC259 | N4      | IC411 | F2 | IC563 | D5      | L452 | F5      | RB103 | * D5      | RB553 | D5        |            |         |
| FB351 | G5   | IC260 | N4      | IC412 | F1 | IC564 | D5      | L502 | C2      | RB151 | * B5      | RB554 | C5        |            |         |
| FB352 | H5   | IC261 | N3      | IC413 | E2 |       |         | L551 | A3      | RB152 | * P5      | RB555 | C5        |            |         |
|       |      | IC262 | L4      | IC414 | E1 | L11   | L6      | L553 | E5      | RB153 | * P5      | RB556 | C5        |            |         |
| FL451 | G5   | IC263 | K3      | IC415 | D2 | L101  | K2      | L554 | E4      | RB201 | * N5      |       |           |            |         |
| FL452 | F5   | IC264 | P6      | IC416 | D1 | L102  | * K2    |      |         | RB202 | * M5      | RV201 | N1        |            |         |
| FL501 | C5   | IC280 | P4      | IC417 | D2 | L103  | D3      | PS11 | A6      | RB203 | * M5      |       |           |            |         |
|       |      | IC301 | M3 (#2) | IC418 | D1 | L104  | * D3    | PS12 | A6      | RB204 | * M5      | TP201 | P1        |            |         |
| IC11  | K6   | IC302 | M2      | IC451 | F4 | L105  | H4      | PS13 | A6      | RB251 | * P6      | TP251 | N5        |            |         |





DV-15/15A -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P





**DV-17/17A -A SIDE-**  
SUFFIX : -13, 14  
MODEL DSR-60/60P

DV-17/17A (1-664-948-13,14)

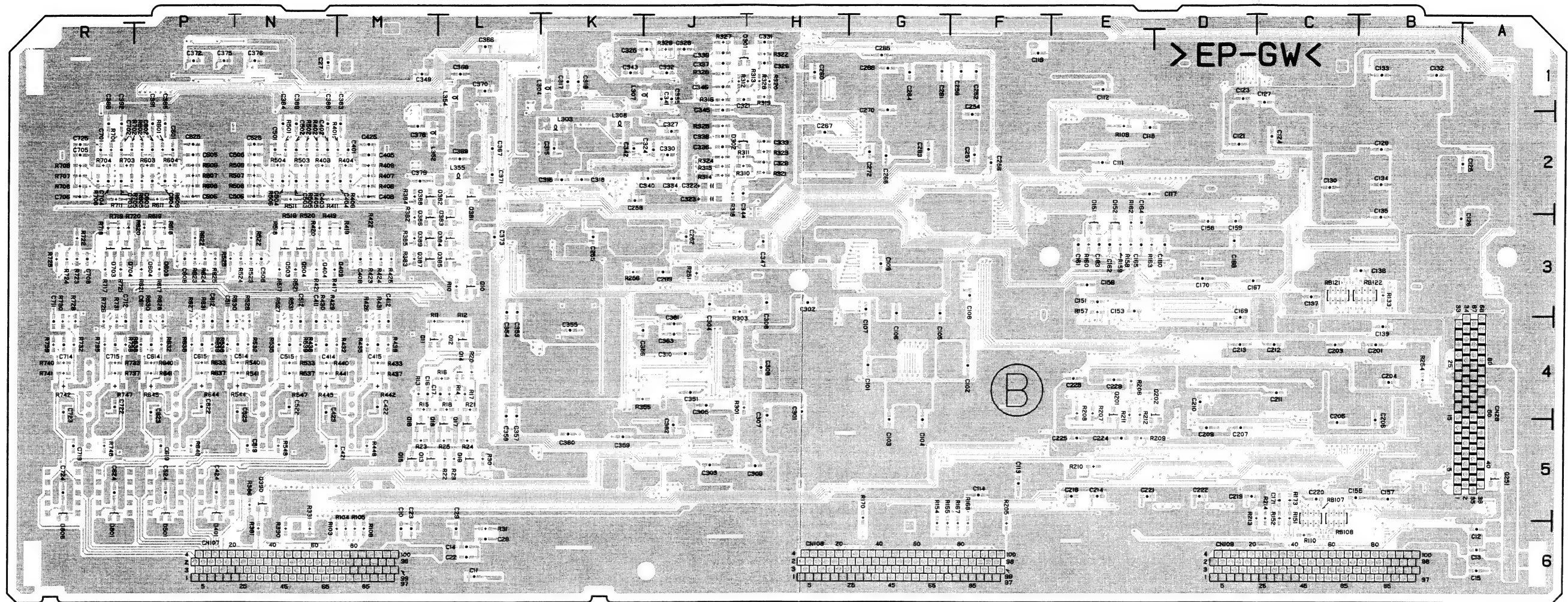
\* : B SIDE

|       |      |  |       |                |  |       |                |       |    |      |      |      |                  |      |      |  |       |                  |  |       |    |
|-------|------|--|-------|----------------|--|-------|----------------|-------|----|------|------|------|------------------|------|------|--|-------|------------------|--|-------|----|
| CNIH  | K3   |  | FB102 | F6             |  | IC203 | E4 (NTSC ONLY) | IC357 | L1 | L101 | H3   | L356 | L3               | Q382 | * L2 |  | Q705  | R6               |  | RV401 | N2 |
| CN28  | B5   |  |       |                |  | IC204 | E4 (NTSC ONLY) | IC358 | L2 | L102 | F5   | L357 | N1               | Q383 | * L3 |  |       |                  |  | RV501 | N2 |
| CN107 | P6   |  | FL201 | D5             |  | IC207 | E5             | IC359 | N1 | L103 | F1   | L381 | P2               | Q384 | * L3 |  | RB101 | H5               |  | RV601 | P2 |
| CN108 | H6   |  |       |                |  | IC208 | E5 (NTSC ONLY) | IC360 | P1 | L104 | D1   | L382 | M2               | Q385 | * L3 |  | RB102 | H5               |  | RV701 | R2 |
| CN109 | D6   |  |       |                |  | IC209 | D5             | IC361 | P1 | L122 | C1   | L383 | N2               | Q386 | * M3 |  | RB103 | G5               |  |       |    |
|       |      |  | IC10  | M3             |  | IC210 | E5 (NTSC ONLY) | IC381 | N2 | L151 | E3   | L384 | R2               | Q387 | * M3 |  | RB104 | G5               |  |       |    |
| D151  | * E3 |  | IC11  | M4             |  | IC211 | D5             | IC382 | P2 | L152 | B5   |      |                  | Q388 | * M2 |  | RB105 | C5               |  | RY401 | P5 |
| D152  | * E3 |  | IC13  | M1             |  | IC212 | C5             | IC401 | N2 | L153 | D2   | PS10 | M6               | Q389 | * M3 |  | RB107 | * C5             |  | RY501 | P5 |
| D301  | * J1 |  | IC14  | L6             |  | IC214 | C5             | IC402 | N3 | L154 | E3   | PS11 | M6               | Q390 | * N5 |  | RB108 | * C5             |  | RY601 | R5 |
| D302  | * J2 |  | IC15  | M6             |  | IC251 | G2             | IC403 | M3 | L201 | B3   | PS12 | L6               | Q401 | M3   |  | RB109 | M6               |  |       |    |
| D401  | * P5 |  | IC101 | G4             |  | IC252 | H1             | IC404 | M4 | L203 | E5   | PS13 | M6               | Q402 | M3   |  | RB121 | * C3 (NTSC ONLY) |  | TP301 | J1 |
| D402  | N5   |  | IC102 | G3             |  | IC253 | H2             | IC405 | M5 | L204 | E5   | PS14 | L6               | Q403 | * M3 |  | RB122 | * B3 (NTSC ONLY) |  | TP302 | J1 |
| D403  | M5   |  | IC103 | F5             |  | IC301 | J5             | IC501 | N2 | L251 | G2   | PS15 | A6               | Q404 | * N3 |  | RB151 | B5               |  |       |    |
| D501  | * P5 |  | IC104 | F5             |  | IC302 | J4             | IC503 | N3 | L301 | H5   | PS16 | A6               | Q405 | P6   |  | RB153 | G5               |  |       |    |
| D502  | N5   |  | IC105 | E2             |  | IC303 | H5             | IC504 | N4 | L302 | H4   | PS17 | A6               | Q501 | N3   |  | RB154 | N6               |  |       |    |
| D503  | N5   |  | IC106 | E2             |  | IC304 | H4             | IC505 | N5 | L303 | * K2 |      |                  | Q502 | N3   |  | RB201 | E5               |  |       |    |
| D801  | * R5 |  | IC107 | D2             |  | IC305 | H3             | IC601 | P2 | L304 | * K1 | Q10  | * L3             | Q503 | * N3 |  | RB202 | D5               |  |       |    |
| D803  | P5   |  | IC108 | D2             |  | IC306 | K2             | IC602 | P3 | L305 | * K1 | Q11  | * M4             | Q504 | * N3 |  | RB203 | D5               |  |       |    |
| D805  | P5   |  | IC121 | A2             |  | IC307 | K1             | IC603 | P3 | L306 | * K2 | Q12  | * L4             | Q505 | P6   |  | RB204 | C5               |  |       |    |
| D808  | * R5 |  | IC122 | D2             |  | IC308 | J2             | IC604 | P4 | L307 | * K1 | Q13  | * M5             | Q601 | P3   |  | RB205 | C5               |  |       |    |
| D810  | R5   |  | IC123 | B1             |  | IC309 | J1             | IC605 | P5 | L308 | * K2 | Q14  | * L4             | Q602 | P3   |  | RB206 | * C5             |  |       |    |
| D812  | R5   |  | IC124 | C2             |  | IC310 | J1             | IC701 | R2 | L309 | * H2 | Q15  | * M5             | Q603 | * P3 |  | RB251 | B5               |  |       |    |
|       |      |  | IC125 | C3 (PAL ONLY)  |  | IC311 | J2             | IC703 | R3 | L310 | * J1 | Q16  | * M5             | Q604 | * P3 |  | RB252 | F1               |  |       |    |
| E151  | E3   |  | IC151 | B5             |  | IC351 | L3             | IC704 | R4 | L311 | H3   | Q17  | * L5             | Q605 | R6   |  | RB301 | N6               |  |       |    |
| E251  | A3   |  | IC152 | E3             |  | IC352 | J4             | IC705 | R5 | L351 | J4   | Q18  | * L5             | Q701 | R3   |  | RB302 | N5               |  |       |    |
| E252  | F2   |  |       |                |  |       |                |       |    | L352 | J4   | Q19  | * L5             |      |      |  | RB303 | N5               |  |       |    |
| E301  | R6   |  | IC154 | D3             |  | IC354 | K5             | LV301 | J2 | L353 | J3   | Q201 | * E4 (NTSC ONLY) | Q702 | R3   |  | RB304 | N5               |  |       |    |
|       |      |  | IC201 | B4             |  | IC355 | L4             | LV302 | J1 | L354 | * L1 | Q202 | * D4 (NTSC ONLY) | Q703 | * R3 |  | RB305 | M5               |  |       |    |
| FB101 | F6   |  | IC202 | D4 (NTSC ONLY) |  | IC356 | L5             |       |    | L355 | * L2 | Q381 | * L2             | Q704 | * R3 |  | RB351 | * B5             |  |       |    |

12-10 (b)

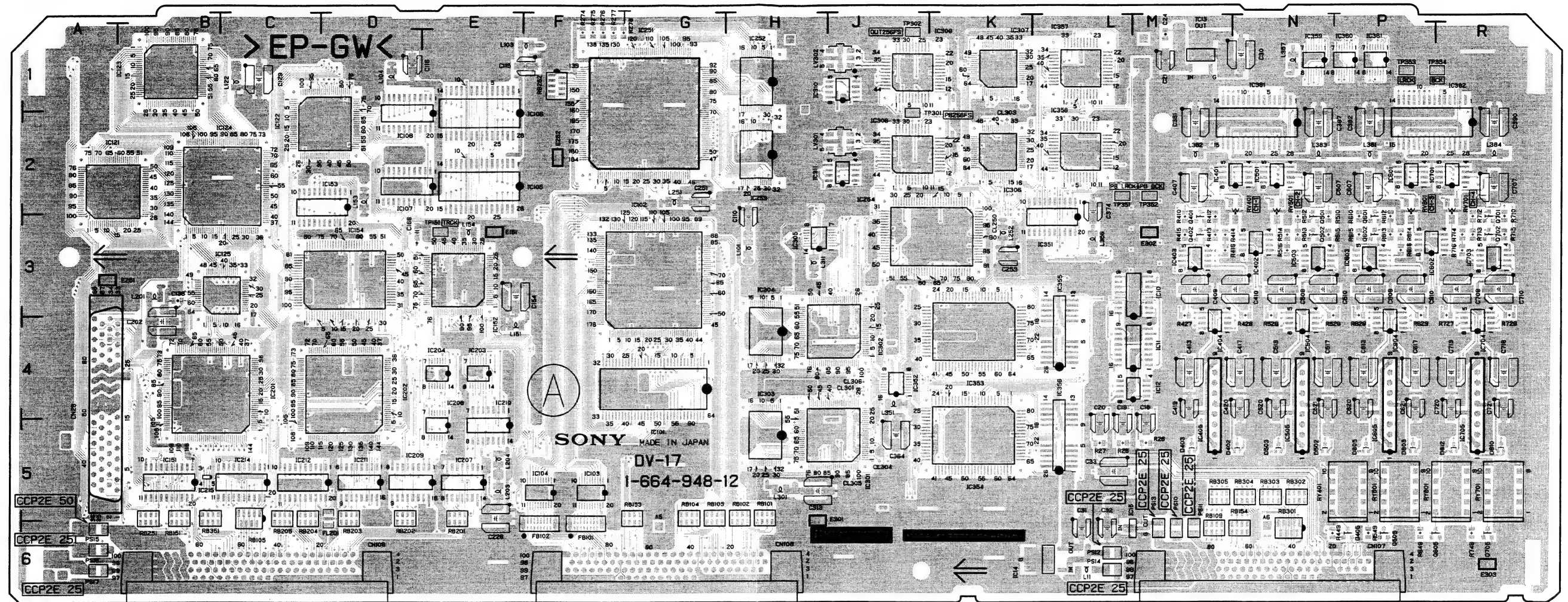
12-10 (b)





**DV-17/17A -B SIDE-**  
SUFFIX : -13, 14  
MODEL DSR-60/60P



DV-17/17A: VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESSDV-17/17A -A SDE-  
SUFFIX : -12  
MODEL DSR-60/60P

DV-17/17A (1-664-948-12)

\*: B SIDE

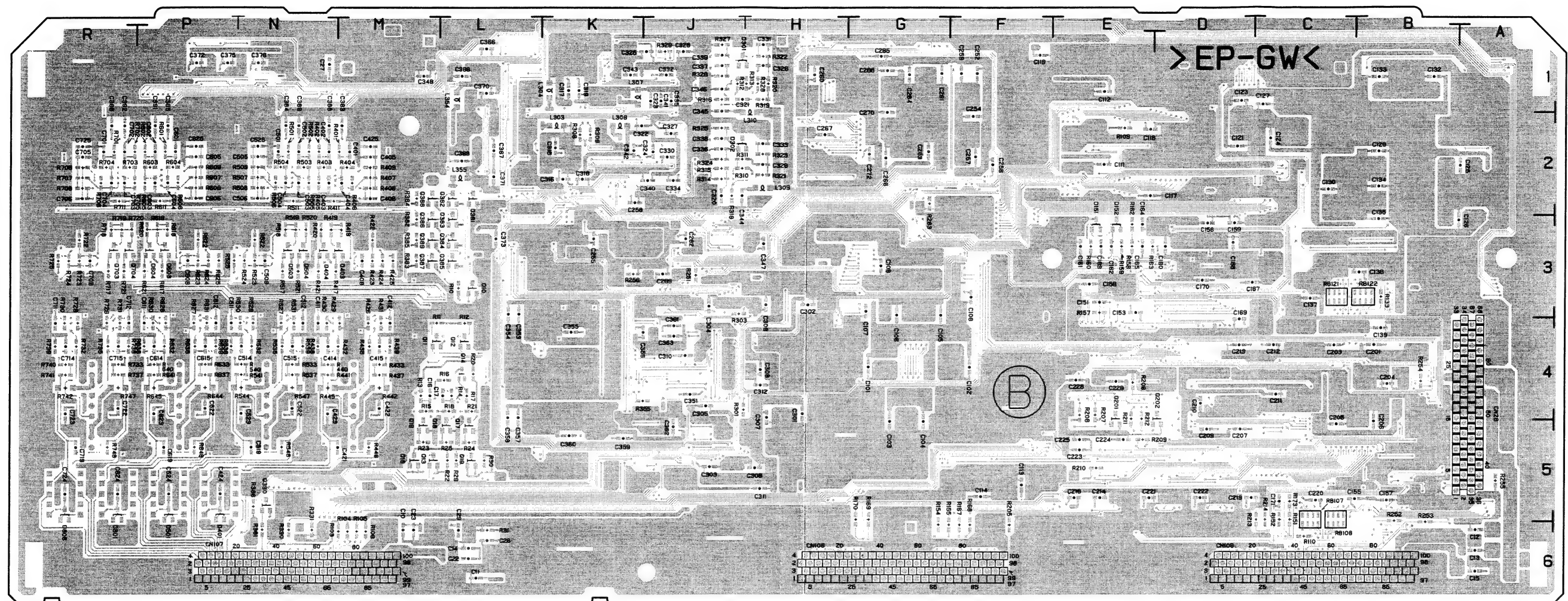
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|-------|------|-------|----|-------|----------------|-------|----|------|------|------|------------------|------|------|-------|------------------|-------|----|
| CN1H  | K3   | FB102 | F6 | IC203 | E4 (NTSC ONLY) | IC357 | L1 | L101 | H3   | L356 | L3               | Q382 | * L2 | Q705  | R6               | RV401 | N2 |
| CN28  | B5   | FL201 | D5 | IC204 | E4 (NTSC ONLY) | IC358 | L2 | L102 | F5   | L357 | N1               | Q383 | * L3 | RB101 | H5               | RV501 | N2 |
| CN107 | P6   |       |    | IC207 | E5             | IC359 | N1 | L103 | F1   | L381 | P2               | Q384 | * L3 | RB102 | H5               | RV601 | P2 |
| CN108 | H6   |       |    | IC208 | E5 (NTSC ONLY) | IC360 | P1 | L104 | D1   | L382 | M2               | Q385 | * L3 | RB103 | G5               | RV701 | R2 |
| CN109 | D6   |       |    | IC209 | D5             | IC361 | P1 | L122 | C1   | L383 | N2               | Q386 | * M3 | RB104 | G5               |       |    |
|       |      |       |    | IC210 | E5 (NTSC ONLY) | IC381 | N2 | L151 | E3   | L384 | R2               | Q387 | * M3 | RB105 | C5               | RY401 | P5 |
| D151  | * E3 |       |    | IC211 | D5             | IC382 | P2 | L152 | B5   |      |                  | Q388 | * M2 | RB107 | * C5             | RY501 | P5 |
| D152  | * E3 |       |    | IC212 | C5             | IC401 | N2 | L153 | D2   | PS10 | M6               | Q389 | * M3 | RB108 | * C5             | RY601 | R5 |
| D301  | * J1 |       |    | IC214 | C5             | IC402 | N3 | L154 | E3   | PS11 | M6               | Q390 | * N5 | RB109 | M6               | RY701 | R5 |
| D302  | * J2 |       |    | IC251 | G2             | IC403 | M3 | L201 | B3   | PS12 | L6               | Q401 | M3   | RB121 | * C3 (NTSC ONLY) | TP301 | J1 |
| D401  | * P5 |       |    | IC252 | H1             | IC404 | M4 | L203 | E5   | PS13 | M6               | Q402 | M3   | RB122 | * B3 (NTSC ONLY) | TP302 | J1 |
| D402  | N5   |       |    | IC253 | H2             | IC405 | M5 | L204 | E5   | PS14 | L6               | Q403 | * M3 | RB151 | B5               |       |    |
| D403  | M5   |       |    | IC301 | J5             | IC501 | N2 | L251 | G2   | PS15 | A6               | Q404 | * N3 | RB153 | G5               |       |    |
| D501  | * P5 |       |    | IC302 | J4             | IC503 | N3 | L301 | H5   | PS16 | A6               | Q405 | P6   | RB154 | N6               |       |    |
| D502  | N5   |       |    | IC303 | H5             | IC504 | N4 | L302 | H4   | PS17 | A6               | Q501 | N3   | RB201 | E5               |       |    |
| D503  | N5   |       |    | IC304 | H4             | IC505 | N5 | L303 | * K2 |      |                  | Q502 | N3   | RB202 | D5               |       |    |
| D801  | * R5 |       |    | IC305 | H3             | IC601 | P2 | L304 | * K1 | Q10  | * L3             | Q503 | * N3 | RB203 | D5               |       |    |
| D803  | P5   |       |    | IC306 | K2             | IC602 | P3 | L305 | * K1 | Q11  | * M4             | Q504 | * N3 | RB204 | C5               |       |    |
| D805  | P5   |       |    | IC307 | K1             | IC603 | P3 | L306 | * K2 | Q12  | * L4             | Q505 | P6   | RB205 | C5               |       |    |
| D808  | * R5 |       |    | IC308 | J2             | IC604 | P4 | L307 | * K1 | Q13  | * M5             | Q601 | P3   | RB206 | * C5             |       |    |
| D810  | R5   |       |    | IC309 | J1             | IC605 | P5 | L308 | * K2 | Q14  | * L4             | Q602 | P3   | RB251 | B5               |       |    |
| D812  | R5   |       |    | IC310 | J1             | IC701 | R2 | L309 | * H2 | Q15  | * M5             | Q603 | * P3 | RB252 | F1               |       |    |
|       |      |       |    | IC311 | J2             | IC703 | R3 | L310 | * J1 | Q16  | * M5             | Q604 | * P3 | RB301 | N6               |       |    |
| E151  | E3   |       |    | IC351 | L3             | IC704 | R4 | L311 | H3   | Q17  | * L5             | Q605 | R6   | RB302 | N5               |       |    |
| E251  | A3   |       |    | IC352 | J4             | IC705 | R5 | L351 | J4   | Q18  | * L5             | Q701 | R3   | RB303 | N5               |       |    |
| E252  | F2   |       |    | IC353 | K4             |       |    | L352 | J4   | Q19  | * L5             | Q702 | R3   | RB304 | N5               |       |    |
| E301  | R6   |       |    | IC354 | K5             |       |    | L353 | J3   | Q201 | * E4 (NTSC ONLY) | Q703 | * R3 | RB305 | M5               |       |    |
|       |      |       |    | IC355 | L4             | LV301 | J2 | L354 | * L1 | Q202 | * D4 (NTSC ONLY) | Q704 | * R3 | RB351 | * B5             |       |    |
| FB101 | F6   |       |    | IC356 | L5             | LV302 | J1 | L355 | * L2 | Q381 | * L2             |      |      |       |                  |       |    |

12-10 (a)

12-10 (a)

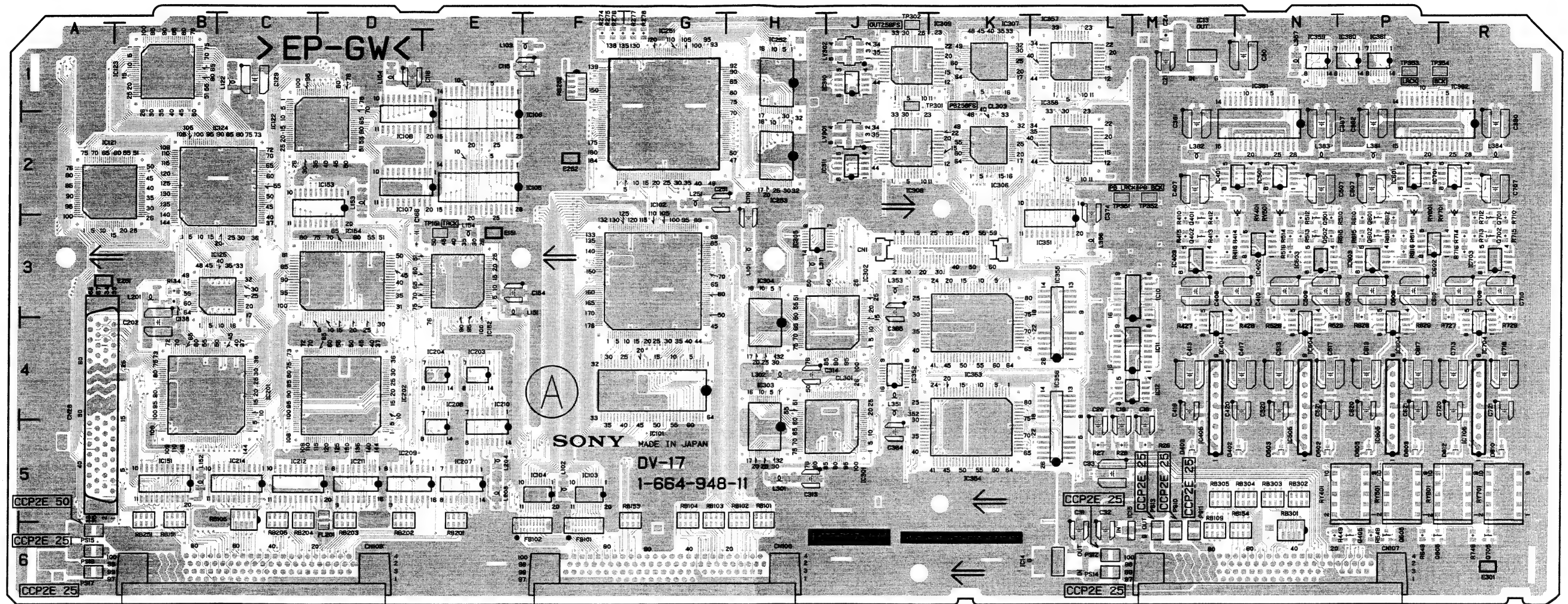
DSR-60/60P





DV-17/17A -B SIDE-  
SUFFIX : -12  
MODEL DSR-60/60P





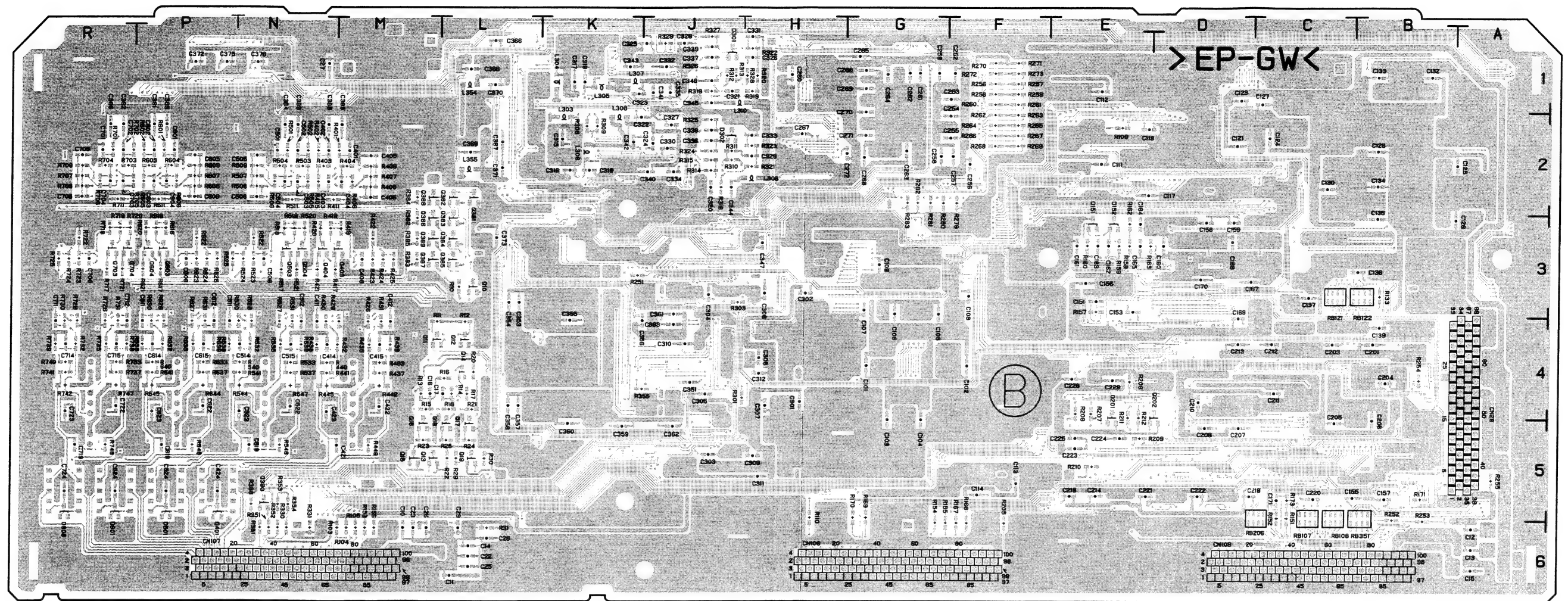
**DV-17/17A -A SIDE-**  
SUFFIX : -11  
MODEL DSR-60/60P

DV-17/17A (1-664-948-11)

\* : B SIDE

|       |      |       |                |       |                |       |    |      |      |      |                  |      |      |       |                  |       |    |
|-------|------|-------|----------------|-------|----------------|-------|----|------|------|------|------------------|------|------|-------|------------------|-------|----|
| CN1H  | K3   | FB102 | F6             | IC203 | E4 (NTSC ONLY) | IC357 | L1 | L101 | H3   | L356 | L3               | Q382 | * L2 | Q705  | R6               | RV401 | N2 |
| CN28  | B5   |       |                | IC204 | E4 (NTSC ONLY) | IC358 | L2 | L102 | F5   | L357 | N1               | Q383 | * L3 |       |                  | RV501 | N2 |
| CN107 | P6   | FL201 | D5             | IC207 | E5             | IC359 | N1 | L103 | F1   | L381 | P2               | Q384 | * L3 | RB101 | H5               | RV601 | P2 |
| CN108 | H6   |       |                | IC208 | E5 (NTSC ONLY) | IC360 | P1 | L104 | D1   | L382 | M2               | Q385 | * L3 | RB102 | H5               | RV701 | R2 |
| CN109 | D6   | IC10  | M3             | IC209 | D5             | IC361 | P1 | L122 | C1   | L383 | N2               | Q386 | * M3 | RB103 | G5               |       |    |
|       |      | IC11  | M4             | IC210 | E5 (NTSC ONLY) | IC381 | N2 | L151 | E3   | L384 | R2               | Q387 | * M3 | RB104 | G5               | RY401 | P5 |
| D151  | * E3 | IC12  | M4             | IC211 | D5             | IC382 | P2 | L152 | B5   |      |                  | Q388 | * M2 | RB105 | C5               | RY501 | P5 |
| D152  | * E3 | IC13  | M1             | IC212 | C5             | IC401 | N2 | L153 | D2   | PS10 | M6               | Q389 | * M3 | RB107 | * C5             | RY601 | R5 |
| D301  | * J1 | IC14  | L6             | IC214 | C5             | IC402 | N3 | L154 | E3   | PS11 | M6               | Q390 | * N5 | RB108 | * C5             | RY701 | R5 |
| D302  | * J2 | IC15  | M6             | IC251 | G2             | IC403 | M3 | L201 | B3   | PS12 | L6               | Q401 | M3   | RB109 | M6               |       |    |
| D401  | * P5 | IC101 | G4             | IC252 | H1             | IC404 | M4 | L203 | E5   | PS13 | M6               | Q402 | M3   | RB121 | * C3 (NTSC ONLY) | TP301 | J1 |
| D402  | N5   | IC102 | G3             | IC253 | H2             | IC405 | M5 | L204 | E5   | PS14 | L6               | Q403 | * M3 | RB122 | * B3 (NTSC ONLY) | TP302 | J1 |
| D403  | M5   | IC103 | F5             | IC301 | J5             | IC501 | N2 | L251 | G2   | PS15 | A6               | Q404 | * N3 | RB151 | B5               |       |    |
| D501  | * P5 | IC104 | F5             | IC302 | J4             | IC503 | N3 | L301 | H5   | PS16 | A6               | Q405 | F6   | RB153 | G5               |       |    |
| D502  | N5   | IC105 | E2             | IC303 | H5             | IC504 | N4 | L302 | H4   | PS17 | A6               | Q501 | N3   | RB154 | N6               |       |    |
| D503  | N5   | IC106 | E2             | IC304 | H4             | IC505 | N5 | L303 | * K2 |      |                  | Q502 | N3   | RB201 | E5               |       |    |
| D801  | * R5 | IC107 | D2             | IC305 | H3             | IC601 | P2 | L304 | * K1 | Q10  | * L3             | Q503 | * N3 | RB202 | D5               |       |    |
| D803  | P5   | IC108 | D2             | IC306 | K2             | IC602 | P3 | L305 | * K1 | Q11  | * M4             | Q504 | * N3 | RB203 | D5               |       |    |
| D805  | P5   | IC121 | A2             | IC307 | K1             | IC603 | P3 | L306 | * K2 | Q12  | * L4             | Q505 | P6   | RB204 | C5               |       |    |
| D808  | * R5 | IC122 | D2             | IC308 | J2             | IC604 | P4 | L307 | * K1 | Q13  | * M5             | Q601 | P3   | RB205 | C5               |       |    |
| D810  | R5   | IC123 | B1             | IC309 | J1             | IC605 | P5 | L308 | * K2 | Q14  | * L4             | Q602 | P3   | RB206 | * C5             |       |    |
| D812  | R5   | IC124 | C2             | IC310 | J1             | IC701 | R2 | L309 | * H2 | Q15  | * M5             | Q603 | * P3 | RB251 | B5               |       |    |
|       |      | IC125 | C3 (PAL ONLY)  | IC311 | J2             | IC703 | R3 | L310 | * J1 | Q16  | * M5             | Q604 | * P3 | RB252 | F1               |       |    |
| E151  | E3   | IC151 | B5             | IC351 | L3             | IC704 | R4 | L311 | H3   | Q17  | * L5             | Q605 | R6   | RB301 | N6               |       |    |
| E251  | A3   | IC152 | E3             | IC352 | J4             | IC705 | R5 | L351 | J4   | Q18  | * L5             | Q701 | R3   | RB302 | N5               |       |    |
| E252  | F2   | IC153 | D2             | IC353 | K4             |       |    | L352 | J4   | Q19  | * L5             |      |      | RB303 | N5               |       |    |
| E301  | R6   | IC154 | D3             | IC354 | K5             |       |    | L353 | J3   | Q201 | * E4 (NTSC ONLY) | Q702 | R3   | RB304 | N5               |       |    |
|       |      | IC201 | B4             | IC355 | L4             |       |    | L354 | * L1 | Q202 | * D4 (NTSC ONLY) | Q703 | * R3 | RB305 | M5               |       |    |
| FB101 | F6   | IC202 | D4 (NTSC ONLY) | IC356 | L5             |       |    | L355 | * L2 | Q381 | * L2             | Q704 | * R3 | RB351 | * B5             |       |    |





**DV-17/17A -B SIDE-**  
SUFFIX : -11  
MODEL DSR-60/60P



FP-75: MENU PANEL SWITCH

HP-73: HP VOLUME/CONNECTOR

FP-75 (1-662-923-11,12)

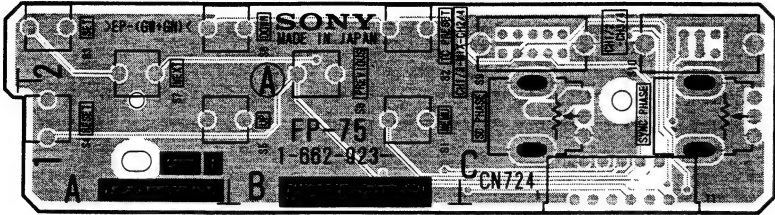
\*: B SIDE

CN724 C1

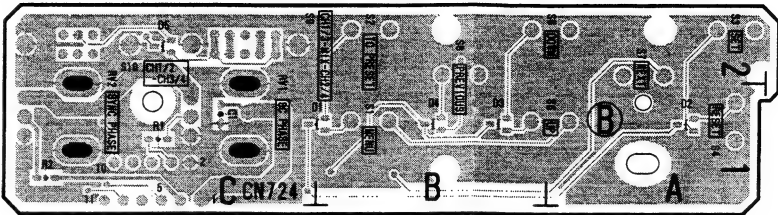
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D2 \* A1  
D3 \* B1  
D4 \* B1  
D5 \* C2

RV1 C1  
RV2 C1

S1 B1  
S2 B2  
S3 A2  
S4 A1  
S5 A1  
S6 A2  
S7 A2  
S8 B2  
S9 C2  
S10 C2



FP-75 -A SIDE-  
SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P



FP-75 -B SIDE-  
SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P

HP-73 (1-662-922-11)

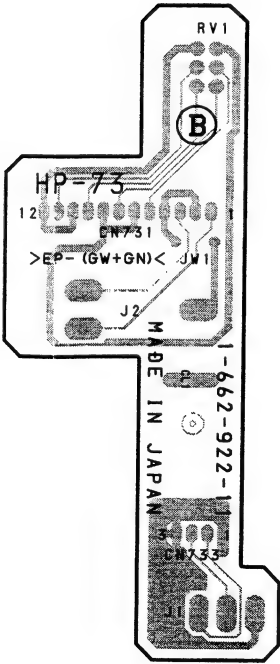
\*: B SIDE

CN731 A1  
CN733 A1

JW1 A1

J1 A1  
J2 A1

RV1 A1



HP-73 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

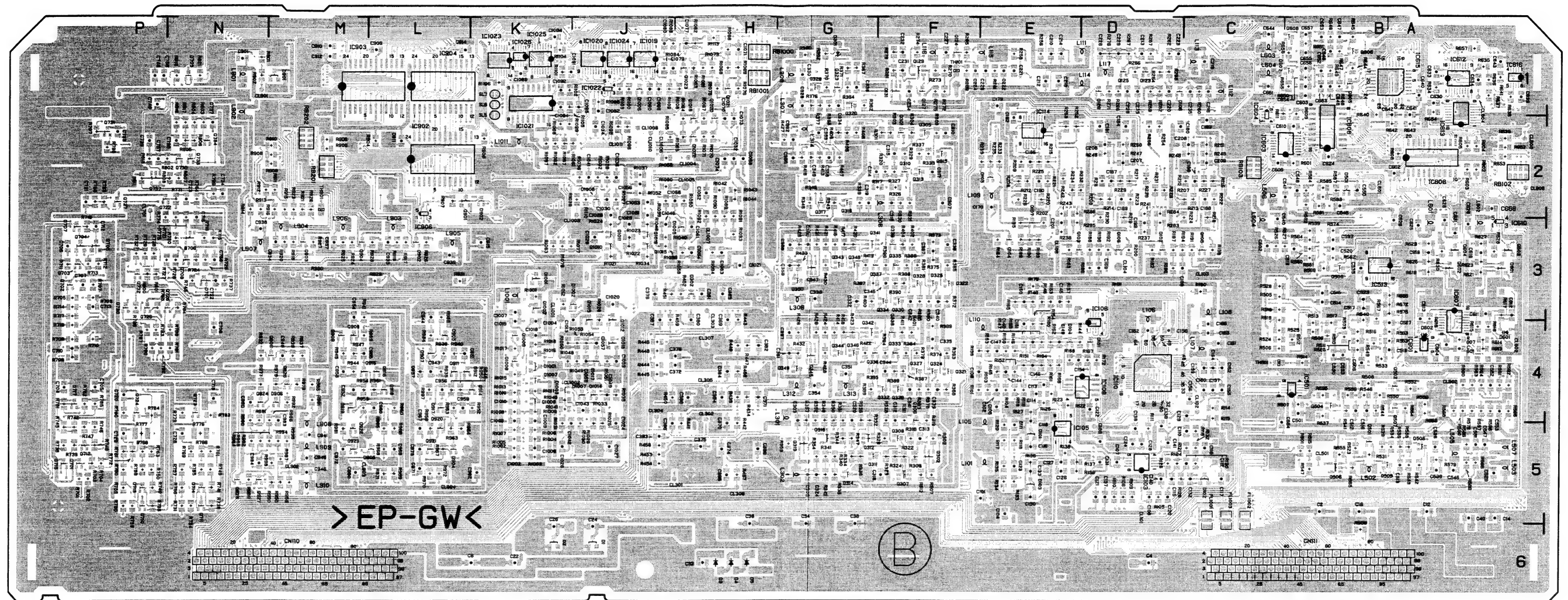


## IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



DSR-80/80P/60/60P



IO-149/149A/149B/149C -B SIDE-  
SUFFIX : -14  
MODEL DSR-80/80P/60/60P

|      |      |      |      |      |               |      |               |       |               |        |               |        |             |        |             |             |             |
|------|------|------|------|------|---------------|------|---------------|-------|---------------|--------|---------------|--------|-------------|--------|-------------|-------------|-------------|
| Q122 | D2   | Q324 | * F4 | Q507 | * A4          | Q723 | * N4 (#1, #2) | Q922  | * M5 (#1, #2) | RB201  | * M2 (#1, #2) | RV316  | G4          | RV1004 | H3 (#1, #2) | TP1006      | H2 (#1, #2) |
| Q123 | * D1 | Q325 | * F3 | Q508 | * B3          | Q724 | * P4 (#1, #2) | Q923  | * M5 (#1, #2) | RB202  | * M2 (#1, #2) | RV317  | G3          | S901   | L2 (#1, #2) | TP1007      | H2 (#1, #2) |
| Q124 | * F1 | Q326 | * G1 | Q509 | * A5          | Q725 | * P5 (#1, #2) | Q924  | * N4 (#1, #2) | RB701  | F1            | RV318  | J4          |        |             | TP1008      | H2 (#1, #2) |
| Q125 | * D1 | Q327 | * F4 | Q601 | * A3          | Q726 | * P5 (#1, #2) | Q925  | * M4 (#1, #2) | RB1000 | * H1 (#1, #2) | RV319  | J4          |        |             |             |             |
| Q126 | * D1 | Q328 | * F3 | Q602 | * A3          | Q727 | * P2 (#1, #2) | Q926  | * N5 (#1, #2) | RB1001 | * H1 (#1, #2) | RV501  | B4          |        |             | X101        | E5          |
| Q127 | * F1 | Q329 | * F4 | Q603 | * A3          | Q728 | * N3 (#1, #2) | Q927  | * N5 (#1, #2) |        |               | RV502  | C3          |        |             | X102        | C5          |
| Q128 | D1   | Q330 | * F3 | Q604 | * A3          | Q729 | * P3 (#1, #2) | Q1001 | * K3 (#1, #2) |        |               | RV503  | C4          |        |             | X103        | E5          |
| Q129 | * F1 | Q331 | G1   | Q605 | * B1          | Q730 | * P3 (#1, #2) | Q1002 | * K3 (#1, #2) |        |               | RV504  | C3          |        |             | X601        | A3          |
| Q130 | D1   | Q332 | * F4 | Q606 | * B1          | Q731 | * P2 (#1, #2) | Q1003 | * K5 (#1, #2) |        |               | RV505  | B4          |        |             | X602        | A3          |
| Q131 | * F1 | Q333 | * F4 | Q607 | * B1          | Q732 | * P3 (#1, #2) | Q1004 | K5 (#1, #2)   |        |               | RV506  | A4          |        |             | X1001       | J1 (#1, #2) |
| Q301 | * F2 | Q334 | * F3 | Q608 | * B1          | Q733 | * N2 (#1, #2) | Q1005 | K5 (#1, #2)   |        |               | RV601  | A1          |        |             | X1002       | J4 (#1, #2) |
| Q302 | * F5 | Q335 | * F3 | Q701 | * P5 (#1, #2) | Q734 | * N2 (#1, #2) | Q1006 | * K4 (#1, #2) |        |               | RV701  | N5 (#1, #2) |        |             |             |             |
| Q303 | * F2 | Q336 | * G4 | Q702 | * P3 (#1, #2) | Q735 | * N2 (#1, #2) | Q1007 | * K4 (#1, #2) |        |               | RV702  | P5 (#1, #2) |        |             | #1: IO-149  |             |
| Q304 | F2   | Q337 | * G3 | Q703 | * P3 (#1, #2) | Q737 | * P2 (#1, #2) | Q1008 | * K4 (#1, #2) |        |               | RV703  | P5 (#1, #2) |        |             | #2: IO-149A |             |
| Q305 | F2   | Q338 | * F4 | Q704 | * P3 (#1, #2) | Q901 | * L2 (#1, #2) | Q1009 | * K4 (#1, #2) |        |               | RV704  | N2 (#1, #2) |        |             | #3: IO-149B |             |
| Q306 | * F4 | Q339 | * F3 | Q705 | * P3 (#1, #2) | Q902 | * L3 (#1, #2) | Q1010 | * J3 (#1, #2) |        |               | RV901  | N2 (#1, #2) |        |             | #4: IO-149C |             |
| Q307 | * F5 | Q340 | G4   | Q706 | * N3 (#1, #2) | Q903 | * M3 (#1, #2) | Q1011 | * J3 (#1, #2) |        |               | RV902  | M2 (#1, #2) |        |             |             |             |
| Q308 | * F5 | Q341 | * G3 | Q707 | * P3 (#1, #2) | Q904 | * M3 (#1, #2) | Q1012 | * J4 (#1, #2) |        |               | RV903  | M2 (#1, #2) |        |             |             |             |
| Q309 | F2   | Q342 | * G4 | Q708 | * N3 (#1, #2) | Q905 | * L4 (#1, #2) | Q1013 | * J4 (#1, #2) |        |               | RV904  | M4 (#1, #2) |        |             |             |             |
| Q310 | * F2 | Q343 | * G3 | Q709 | * P3 (#1, #2) | Q906 | * M4 (#1, #2) | Q1014 | * J4 (#1, #2) |        |               | RV905  | L4 (#1, #2) |        |             |             |             |
| Q311 | * G5 | Q344 | * G4 | Q710 | * P5 (#1, #2) | Q907 | * L4 (#1, #2) | Q1015 | * J3 (#1, #2) |        |               | RV906  | K4 (#1, #2) |        |             |             |             |
| Q312 | * G5 | Q345 | * G4 | Q711 | * N5 (#1, #2) | Q908 | * M4 (#1, #2) | Q1016 | * J3 (#1, #2) |        |               | RV907  | L4 (#1, #2) |        |             |             |             |
| Q313 | * F2 | Q346 | * G4 | Q712 | * P5 (#1, #2) | Q909 | * M4 (#1, #2) | Q1017 | * J4 (#1, #2) |        |               | RV908  | K4 (#1, #2) |        |             |             |             |
| Q314 | * G5 | Q347 | * G3 | Q713 | * P5 (#1, #2) | Q911 | * L4 (#1, #2) | Q1018 | * J4 (#1, #2) |        |               | RV909  | L4 (#1, #2) |        |             |             |             |
| Q315 | * F2 | Q348 | * G3 | Q714 | * N5 (#1, #2) | Q912 | * L4 (#1, #2) | Q1019 | * H2 (#1, #2) |        |               | RV910  | M4 (#1, #2) |        |             |             |             |
| Q316 | * G2 | Q349 | * G4 | Q715 | * P5 (#1, #2) | Q914 | * K4 (#1, #2) | Q1020 | * H2 (#1, #2) |        |               | RV911  | M4 (#1, #2) |        |             |             |             |
| Q317 | * G2 | Q350 | * G3 | Q716 | * N3 (#1, #2) | Q915 | * M4 (#1, #2) | Q1021 | * H1 (#1, #2) |        |               | RV912  | L4 (#1, #2) |        |             |             |             |
| Q318 | * G5 | Q501 | * B5 | Q717 | * P4 (#1, #2) | Q916 | * L4 (#1, #2) | Q1022 | * H2 (#1, #2) |        |               | RV913  | L4 (#1, #2) |        |             |             |             |
| Q319 | * G5 | Q502 | * A4 | Q718 | * N5 (#1, #2) | Q917 | * L4 (#1, #2) | Q1023 | * H1 (#1, #2) |        |               | RV914  | M4 (#1, #2) |        |             |             |             |
| Q320 | * G1 | Q503 | * B5 | Q719 | * N5 (#1, #2) | Q918 | * L4 (#1, #2) |       |               |        |               | RV915  | M4 (#1, #2) |        |             |             |             |
| Q321 | * F4 | Q504 | * B4 | Q720 | * P5 (#1, #2) | Q919 | * M4 (#1, #2) |       |               |        |               | RV1001 | K4 (#1, #2) |        |             |             |             |
| Q322 | * F3 | Q505 | * A5 | Q721 | * P5 (#1, #2) | Q920 | * L5 (#1, #2) |       |               |        |               | RV1002 | J1 (#1, #2) |        |             |             |             |
| Q323 | * G1 | Q506 | * B5 | Q722 | * P2 (#1, #2) | Q921 | * L5 (#1, #2) |       |               |        |               | RV1003 | H1 (#1, #2) |        |             |             |             |
|      |      |      |      |      |               |      |               | RB101 | C1            |        |               |        |             |        |             |             |             |
|      |      |      |      |      |               |      |               | RB102 | * A2          |        |               |        |             |        |             |             |             |
|      |      |      |      |      |               |      |               | RB103 | * C2          |        |               |        |             |        |             |             |             |



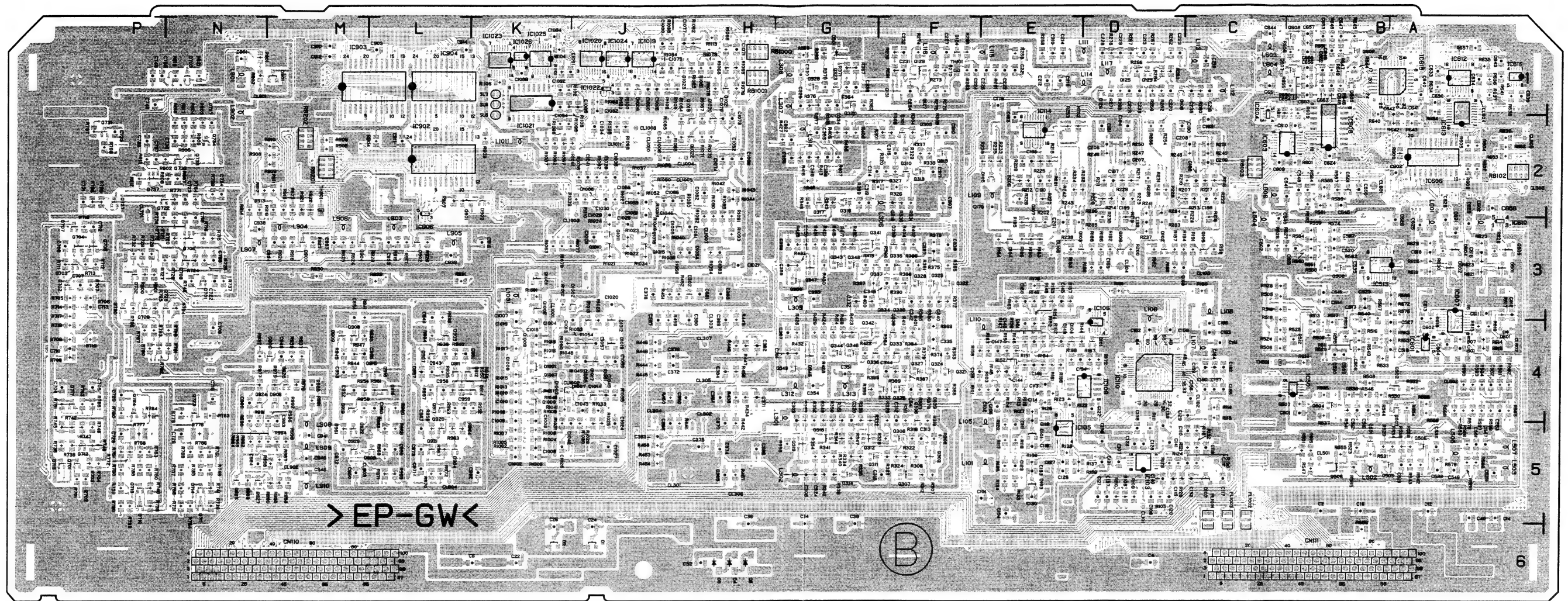
## IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



\* : B SIDE

|        |              |        |              |        |              |       |      |       |              |        |              |        |              |       |              |       |              |
|--------|--------------|--------|--------------|--------|--------------|-------|------|-------|--------------|--------|--------------|--------|--------------|-------|--------------|-------|--------------|
| CN110  | N6           | D1003  | * K4 (#2)    | FL1002 | * C5         | IC116 | C2   | IC605 | B2           | IC910  | M3 (#1,#2)   | IC1025 | * K1 (#1,#2) | L314  | * G2         | L1003 | K4 (#1,#2)   |
| CN111  | C6           | D1004  | J4 (#1,#2)   | FL1003 | * C5         | IC117 | E1   | IC606 | * A2         | IC911  | L3 (#1,#2)   | IC1026 | * K1 (#1,#2) | L315  | G2           | L1004 | K4 (#1,#2)   |
|        |              | D1005  | * H3 (#1,#2) |        |              | IC118 | D1   | IC607 | * A4         | IC912  | M3 (#1,#2)   |        |              | L501  | B4           | L1005 | K4 (#1,#2)   |
| CT601  | A3           | D1006  | * J1 (#1,#2) | F1     | B5           | IC301 | G2   | IC608 | * B2         | IC913  | L4 (#1,#2)   | L101   | * E5         | L502  | * B5         | L1006 | J4 (#1,#2)   |
| CT602  | A3           | D1007  | * J4 (#2)    | F2     | D6           | IC302 | G2   | IC609 | A3           | IC915  | L4 (#1)      | L102   | E5           | L503  | * A5         | L1007 | H3 (#1,#2)   |
| CT1001 | J4 (#1,#2)   | D1008  | * K2 (#1,#2) | F3     | K6           | IC304 | G2   | IC610 | * A3         | IC916  | L5 (#1,#2)   | L103   | C5           | L504  | * C3         | L1008 | K5 (#1,#2)   |
|        |              | D1009  | J1 (#1,#2)   | F4     | A6           | IC305 | G2   | IC611 | C5           | IC917  | M5 (#1,#2)   | L104   | E5           | L505  | * A5         | L1009 | J5 (#1,#2)   |
|        |              |        |              | F5     | K6           | IC306 | H3   | IC612 | * A1         | IC918  | M5 (#1,#2)   | L105   | * E5         | L506  | * C2         | L1010 | J3 (#1,#2)   |
| D1     | * J6         |        |              | F6     | H6           | IC307 | H4   | IC613 | * A1         | IC919  | N5 (#1,#2)   | L106   | * D3         | L507  | * A5         | L1011 | * K2 (#1,#2) |
| D2     | * K6         | E101   | E5           |        |              | IC308 | H4   | IC614 | A2           | IC1001 | K4 (#1,#2)   | L107   | * C4         | L601  | * A3         | L1012 | J3 (#1,#2)   |
| D3     | * H6         | E102   | C3           |        |              | IC309 | H4   | IC615 | * A1         | IC1002 | J5 (#1,#2)   | L108   | * C3         | L602  | * A3         | L1013 | J3 (#1,#2)   |
| D4     | * H6         | E103   | F1           | IC1    | A6           | IC310 | H5   | IC616 | * A1         | IC1003 | J2 (#1,#2)   | L109   | * E2         | L603  | * C1         |       |              |
| D5     | * H6         | E301   | H5           | IC2    | A5           | IC311 | J3   | IC617 | B3           | IC1004 | J5 (#1,#2)   | L110   | * E4         | L604  | * C1         | Q101  | * D4         |
| D101   | * E5         | E501   | A4           | IC3    | J6           | IC312 | J5   | IC618 | C5           | IC1005 | H2 (#1,#2)   | L111   | * D1         | L605  | B1           | Q102  | * D3         |
| D102   | * C5         | E601   | B1           | IC4    | K6           | IC501 | * B4 | IC619 | C5           | IC1006 | H3 (#1,#2)   | L112   | * C1         | L606  | B1           | Q103  | * E3         |
| D103   | * E5         | E701   | P5 (#1,#2)   | IC5    | G6           | IC502 | B5   | IC701 | N4 (#1,#2)   | IC1007 | J4 (#1,#2)   | L113   | * C1         | L607  | B1           | Q104  | * E3         |
| D104   | * E4         | E702   | P1 (#1,#2)   | IC6    | H6           | IC503 | B4   | IC702 | N3 (#1,#2)   | IC1008 | J3 (#1,#2)   | L114   | * D1         | L608  | B1           | Q105  | * C3         |
| D105   | * E2         | E901   | L2 (#1,#2)   | IC7    | G6           | IC504 | B4   | IC703 | P4 (#1,#2)   | IC1009 | K3 (#1,#2)   | L115   | * E1         | L701  | P4 (#1,#2)   | Q106  | * D3         |
| D106   | * D1         | E902   | L5 (#1,#2)   | IC8    | A6           | IC505 | B4   | IC704 | P3 (#1,#2)   | IC1010 | J1 (#1,#2)   | L116   | * F1 (#2)    | L702  | P4 (#1,#2)   | Q107  | * E3         |
| D301   | * G1         | E903   | M5 (#1,#2)   | IC101  | E5           | IC506 | B3   | IC705 | P3 (#1,#2)   | IC1011 | H2 (#1,#2)   | L117   | * D1         | L703  | N4 (#1,#2)   | Q108  | E2           |
| D302   | * H3         | E1001  | J5 (#1,#2)   | IC102  | E4           | IC507 | B3   | IC706 | P3 (#1,#2)   | IC1012 | H1 (#1,#2)   | L301   | * G4         | L704  | P4 (#1,#2)   | Q109  | C2           |
| D501   | * B2         | E1002  | H2 (#1,#2)   | IC103  | * D5         | IC508 | B3   | IC707 | P3 (#1,#2)   | IC1013 | H1 (#1,#2)   | L302   | * G5         | L901  | * N1 (#1,#2) | Q110  | D2           |
| D601   | * A4         |        |              | IC104  | D5           | IC509 | A4   | IC709 | P4 (#1,#2)   | IC1014 | J1 (#1,#2)   | L303   | F2           | L902  | * N1 (#1,#2) | Q111  | E2           |
| D602   | * A4         | FB800  | K2 (#1,#2)   | IC105  | * E5         | IC510 | A4   | IC712 | N1 (#1,#2)   | IC1015 | J1 (#1,#2)   | L304   | F2           | L903  | * L3 (#1,#2) | Q112  | C2           |
| D701   | * N3 (#1)    |        |              | IC106  | * D4 (#1,#3) | IC512 | A5   | IC901 | M1 (#1,#2)   | IC1016 | H2 (#1,#2)   | L305   | F2           | L904  | * M3 (#1,#2) | Q113  | D2           |
| D702   | P5 (#1,#2)   | FL101  | D3           | IC107  | E4           | IC513 | * B3 | IC902 | * L2 (#1,#2) | IC1017 | K1 (#1,#2)   | L306   | * F2         | L905  | * L3 (#1,#2) | Q114  | E2           |
| D703   | * N1 (#1,#2) | FL102  | D3           | IC108  | E4           | IC514 | B2   | IC903 | * L1 (#1,#2) | IC1018 | K1 (#1,#2)   | L307   | * G1         | L906  | * M3 (#1,#2) | Q115  | C2           |
| D901   | * M1 (#1,#2) | FL103  | E3           | IC109  | * D4         | IC515 | A5   | IC904 | * L1 (#1,#2) | IC1019 | * J1 (#1,#2) | L308   | * G1         | L907  | * N3 (#1,#2) | Q116  | D2           |
| D902   | * K2 (#1,#2) | FL104  | E1           | IC110  | * D4         | IC516 | A4   | IC905 | L2 (#1,#2)   | IC1020 | * J1 (#1,#2) | L309   | * G3         | L908  | * M5 (#1,#2) | Q117  | E2           |
| D904   | * L5 (#1,#2) | FL701  | P2 (#1,#2)   | IC111  | D2           | IC601 | * A4 | IC906 | * L2 (#1,#2) | IC1021 | * K1 (#1,#2) | L310   | F4           | L909  | * M5 (#1,#2) | Q118  | C2           |
| D905   | * L5 (#1,#2) | FL901  | M3 (#1,#2)   | IC112  | E2           | IC602 | A4   | IC907 | L2 (#1,#2)   | IC1022 | * J1 (#1,#2) | L311   | F3           | L910  | * M5 (#1,#2) | Q119  | D2           |
| D906   | * M4 (#1,#2) | FL902  | L3 (#1,#2)   | IC113  | E2           | IC603 | * B2 | IC908 | M2 (#1,#2)   | IC1023 | * K1 (#1,#2) | L312   | * G4         | L1001 | * K3 (#1,#2) | Q120  | E2           |
| D1001  | * K4 (#1,#2) | FL903  | L3 (#1,#2)   | IC114  | * E2         | IC604 | * C1 | IC909 | M2 (#1,#2)   | IC1024 | * J1 (#1,#2) | L313   | * G4         | L1002 | K5 (#1,#2)   | Q121  | C2           |
| D1002  | * J3 (#2)    | FL1001 | * C5         | IC115  | D2           |       |      |       |              |        |              |        |              |       |              |       |              |





IO-149/149A/149B/149C -B SIDE-

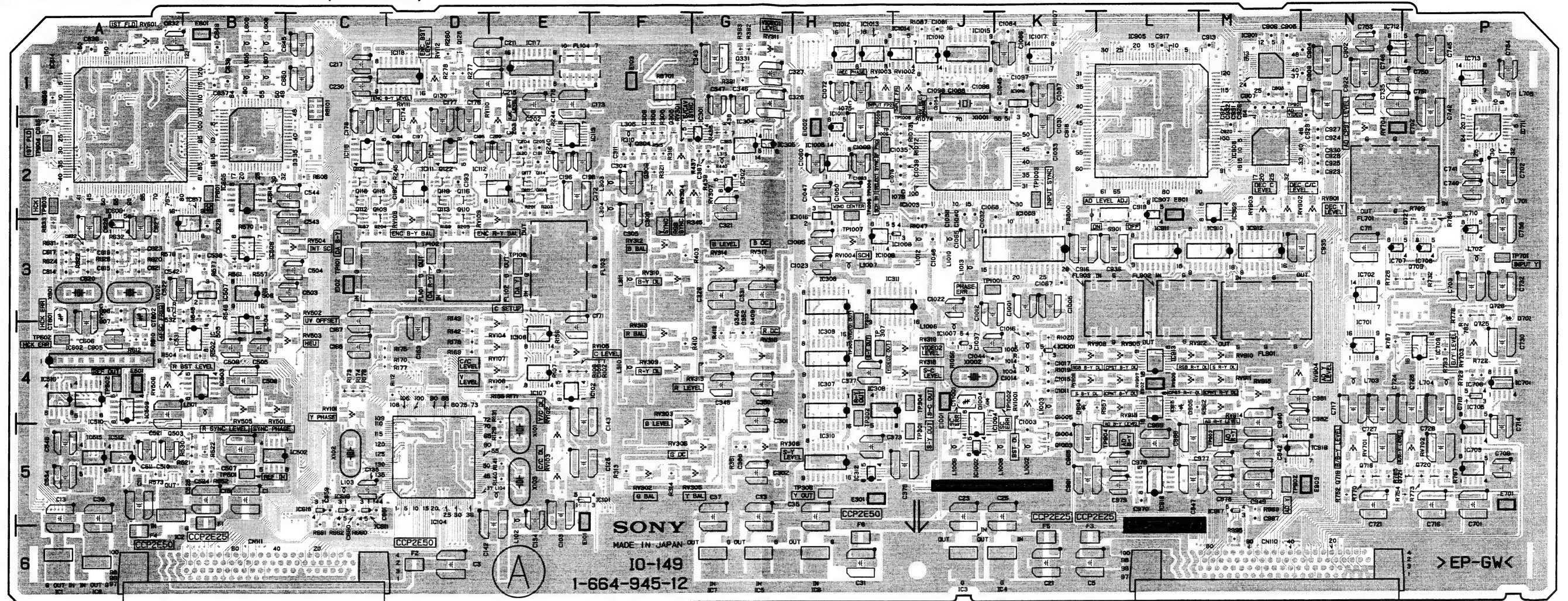
SUFFIX : -13  
MODEL DSR-80/80P/60/60P

|      |      |      |      |      |             |      |             |       |             |        |             |        |           |        |           |             |           |
|------|------|------|------|------|-------------|------|-------------|-------|-------------|--------|-------------|--------|-----------|--------|-----------|-------------|-----------|
| Q122 | D2   | Q324 | * F4 | Q507 | * A4        | Q723 | * N4(#1,#2) | Q922  | * M5(#1,#2) | RB201  | * M2(#1,#2) | RV316  | G4        | RV1004 | H3(#1,#2) | TP1006      | H2(#1,#2) |
| Q123 | * D1 | Q325 | * F3 | Q508 | * B3        | Q724 | * P4(#1,#2) | Q923  | * M5(#1,#2) | RB202  | * M2(#1,#2) | RV317  | G3        |        |           | TP1007      | H2(#1,#2) |
| Q124 | * F1 | Q326 | * G1 | Q509 | * A5        | Q725 | * P5(#1,#2) | Q924  | * N4(#1,#2) | RB701  | F1          | RV318  | J4        | S901   | L2(#1,#2) | TP1008      | H2(#1,#2) |
| Q125 | * D1 | Q327 | * F4 | Q601 | * A3        | Q726 | * P5(#1,#2) | Q925  | * M4(#1,#2) | RB1000 | * H1(#1,#2) | RV319  | J4        |        |           |             |           |
| Q126 | * D1 | Q328 | * F3 | Q602 | * A3        | Q727 | * P2(#1,#2) | Q926  | * N5(#1,#2) | RB1001 | * H1(#1,#2) | RV501  | B4        |        |           | X101        | E5        |
| Q127 | * F1 | Q329 | * F4 | Q603 | * A3        | Q728 | * N3(#1,#2) | Q927  | * N5(#1,#2) |        |             | RV502  | C3        |        |           | X102        | C5        |
| Q128 | D1   | Q330 | * F3 | Q604 | * A3        | Q729 | * P3(#1,#2) | Q1001 | * K3(#1,#2) | RV101  | C4          | RV503  | C4        | TH101  | * F1      | X103        | E5        |
| Q129 | * F1 | Q331 | G1   | Q605 | * B1        | Q730 | * P3(#1,#2) | Q1002 | * K3(#1,#2) | RV102  | E5          | RV504  | C3        | TH901  | * M2(#1)  | X601        | A3        |
| Q130 | D1   | Q332 | * F4 | Q606 | * B1        | Q731 | * P2(#1,#2) | Q1003 | K5(#1,#2)   | RV103  | E5          | RV505  | B4        | TP101  | C3        | X602        | A3        |
| Q131 | * F1 | Q333 | * F4 | Q607 | * B1        | Q732 | * P3(#1,#2) | Q1004 | K5(#1,#2)   | RV104  | E4(#1,#3)   | RV506  | A4        | TP102  | D3        | X1001       | J1(#1,#2) |
| Q301 | * F2 | Q334 | * F3 | Q608 | * B1        | Q733 | * N2(#1,#2) | Q1005 | K5(#1,#2)   | RV105  | E4          | RV601  | A1        | TP103  | E3        | X1002       | J4(#1,#2) |
| Q302 | * F5 | Q335 | * F3 | Q701 | * P5(#1,#2) | Q734 | * N2(#1,#2) | Q1006 | * K4(#1,#2) | RV106  | E4          | RV701  | N5(#1,#2) | TP301  | J5        |             |           |
| Q303 | * F2 | Q336 | * G4 | Q702 | * P3(#1,#2) | Q735 | * N2(#1,#2) | Q1007 | * K4(#1,#2) | RV107  | E4          | RV702  | P5(#1,#2) | TP302  | H4        | #1: IO-149  |           |
| Q304 | F2   | Q337 | * G3 | Q703 | * P3(#1,#2) | Q736 | * P2(#1,#2) | Q1008 | * K4(#1,#2) | RV108  | D3          | RV703  | P5(#1,#2) | TP303  | H3        | #2: IO-149A |           |
| Q305 | F2   | Q338 | * F4 | Q704 | * P3(#1,#2) | Q737 | * P2(#1,#2) | Q1009 | * K4(#1,#2) | RV109  | E3          | RV704  | N2(#1,#2) | TP304  | J5        | #3: IO-149B |           |
| Q306 | * F4 | Q339 | * F3 | Q705 | * P3(#1,#2) | Q901 | * L2(#1,#2) | Q1010 | * J3(#1,#2) | RV110  | E2          | RV901  | N2(#1,#2) | TP305  | H4        | #4: IO-149C |           |
| Q307 | * F5 | Q340 | G4   | Q706 | * N3(#1,#2) | Q902 | * L3(#1,#2) | Q1011 | * J3(#1,#2) | RV111  | D2          | RV902  | M2(#1,#2) | TP306  | H5        |             |           |
| Q308 | * F5 | Q341 | * G3 | Q707 | * P3(#1,#2) | Q903 | * M3(#1,#2) | Q1012 | * J4(#1,#2) | RV112  | D1          | RV903  | M2(#1,#2) | TP307  | H4        |             |           |
| Q309 | F2   | Q342 | * G4 | Q708 | * N3(#1,#2) | Q904 | * M3(#1,#2) | Q1013 | * J4(#1,#2) | RV301  | G2          | RV904  | M4(#1,#2) | TP501  | B5        |             |           |
| Q310 | * F2 | Q343 | * G3 | Q709 | * P3(#1,#2) | Q905 | * M4(#1,#2) | Q1014 | * J4(#1,#2) | RV302  | F5          | RV905  | L4(#1,#2) | TP502  | A4        |             |           |
| Q311 | * G5 | Q344 | * G4 | Q710 | * P5(#1,#2) | Q906 | * M4(#1,#2) | Q1015 | * J3(#1,#2) | RV303  | F5          | RV906  | K4(#1,#2) | TP601  | B2        |             |           |
| Q312 | * G5 | Q345 | * G4 | Q711 | * N5(#1,#2) | Q907 | * M4(#1,#2) | Q1016 | * J3(#1,#2) | RV304  | F2          | RV907  | L4(#1,#2) | TP602  | A4        |             |           |
| Q313 | * F2 | Q346 | * G4 | Q712 | * P5(#1,#2) | Q908 | * M4(#1,#2) | Q1017 | * J4(#1,#2) | RV305  | F5          | RV908  | K4(#1,#2) | TP603  | A2        |             |           |
| Q314 | * G5 | Q347 | * G3 | Q713 | * P5(#1,#2) | Q909 | * M4(#1,#2) | Q1018 | * J4(#1,#2) | RV306  | F5          | RV909  | L4(#1,#2) | TP604  | A2        |             |           |
| Q315 | * F2 | Q348 | * G3 | Q714 | * N5(#1,#2) | Q910 | * L4(#1,#2) | Q1019 | * H2(#1,#2) | RV307  | G2          | RV910  | M4(#1,#2) | TP701  | P2(#1,#2) |             |           |
| Q316 | * G2 | Q349 | * G4 | Q715 | * P5(#1,#2) | Q911 | * L4(#1,#2) | Q1020 | * H2(#1,#2) | RV308  | G5          | RV911  | M4(#1,#2) | TP901  | N1(#1,#2) |             |           |
| Q317 | * G2 | Q350 | * G3 | Q716 | N3(#1)      | Q912 | * L4(#1,#2) | Q1021 | * H1(#1,#2) | RV309  | F4          | RV912  | L4(#1,#2) | TP902  | M5(#1,#2) |             |           |
| Q318 | * G5 | Q501 | * B5 | Q717 | * P4(#1,#2) | Q915 | * M4(#1,#2) | Q1022 | * H2(#1,#2) | RV310  | F3          | RV913  | L4(#1,#2) | TP903  | M5(#1,#2) |             |           |
| Q319 | * G5 | Q502 | * A4 | Q718 | N5(#1,#2)   | Q916 | * L4(#1,#2) | Q1023 | * H1(#1,#2) | RV311  | G1          | RV914  | M4(#1,#2) | TP904  | L5(#1,#2) |             |           |
| Q320 | * G1 | Q503 | B5   | Q719 | N5(#1,#2)   | Q917 | * L4(#1,#2) |       |             | RV312  | F3          | RV915  | M4(#1,#2) | TP1001 | J3(#1,#2) |             |           |
| Q321 | * F4 | Q504 | * B4 | Q720 | P5(#1,#2)   | Q918 | * L4(#1,#2) | RB101 | C1          | RV313  | F4          | RV1001 | K4(#1,#2) | TP1002 | K4(#1,#2) |             |           |
| Q322 | * F3 | Q505 | * A5 | Q721 | P5(#1,#2)   | Q919 | * M4(#1,#2) | RB102 | * A2        | RV314  | G3          | RV1002 | J1(#1,#2) | TP1003 | K2(#1,#2) |             |           |
| Q323 | * G1 | Q506 | * B5 | Q722 | * P2(#1,#2) | Q920 | * L5(#1,#2) | RB103 | * C2        | RV315  | G4          | RV1003 | H1(#1,#2) | TP1004 | H2(#1,#2) |             |           |
|      |      |      |      |      |             | Q921 | * L5(#1,#2) |       |             |        |             |        |           | TP1005 | H2(#1,#2) |             |           |



IO-149B/149C: VIDEO ANALOG OUT PROCESS (DSR-60/60P)

IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



IO-149/149A/149B/149C (1-664-945-12)

\*: B SIDE

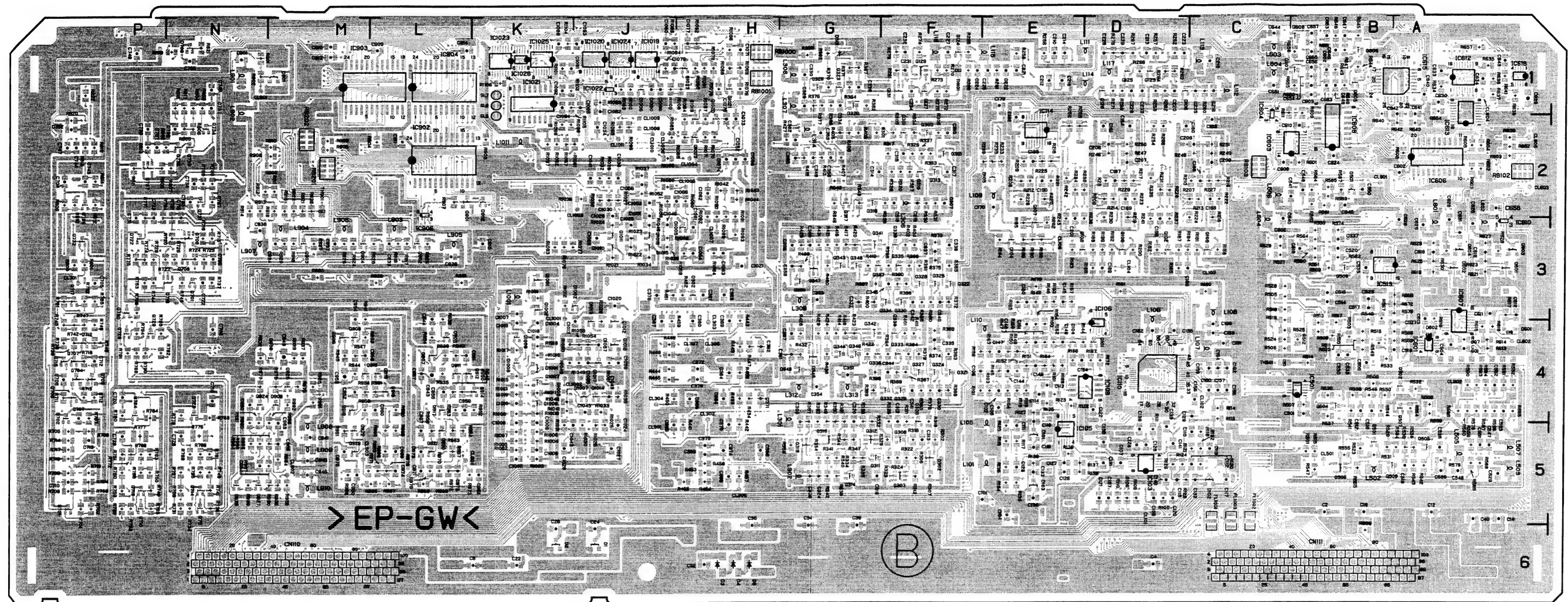
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|--------|-------------|-------|---------------|----|----|-------|------|-------|---------------|--------|---------------|--------|---------------|------|---------------|-------|---------------|
| CN110  | N6          | D1003 | * K4 (#2)     | F1 | B5 | IC301 | G4   | IC608 | * B2          | IC909  | M4 (#1, #2)   | IC1025 | * K2 (#1, #2) | L314 | * G2          | L1002 | K5 (#1, #2)   |
| CN111  | C6          | D1004 | J4 (#1, #2)   | F2 | D6 | IC302 | G4   | IC609 | A4            | IC910  | M4 (#1, #2)   | IC1026 | * K2 (#1, #2) | L315 | G4            | L1003 | K4 (#1, #2)   |
| CT601  | A4          | D1005 | * H3 (#1, #2) | F3 | K6 | IC304 | G4   | IC611 | * A3          | IC911  | L4 (#1, #2)   |        |               | L501 | B4            | L1004 | K4 (#1, #2)   |
| CT602  | A4          | D1006 | * J2 (#1, #2) | F4 | A6 | IC305 | G4   | IC612 | * A2          | IC912  | M4 (#1, #2)   |        |               | L502 | * B5          | L1005 | K4 (#1, #2)   |
| CT1001 | J4 (#1, #2) | D1007 | * J4 (#2)     | F5 | K6 | IC306 | H4   | IC613 | * A2          | IC913  | L4 (#1, #2)   |        |               | L503 | * A5          | L1006 | J4 (#1, #2)   |
|        |             |       |               | F6 | H6 | IC307 | H4   | IC614 | * A2          | IC915  | L5 (#1, #2)   |        |               | L504 | * C3          | L1007 | H4 (#1, #2)   |
|        |             |       |               |    |    | IC308 | H4   | IC615 | * A2          | IC916  | M5 (#1, #2)   |        |               | L505 | * A5          | L1008 | K5 (#1, #2)   |
|        |             |       |               |    |    | IC309 | H4   | IC616 | * A2          | IC917  | M5 (#1, #2)   |        |               | L506 | * C2          | L1009 | J5 (#1, #2)   |
|        |             |       |               |    |    | IC310 | H5   | IC617 | B4            | IC918  | M5 (#1, #2)   |        |               | L507 | * A5          | L1010 | J4 (#1, #2)   |
|        |             |       |               |    |    | IC311 | J4   | IC618 | C5            | IC1001 | K4 (#1, #2)   |        |               | L601 | * A3          | L1011 | * K2 (#1, #2) |
|        |             |       |               |    |    | IC312 | H5   | IC619 | C5            | IC1002 | J5 (#1, #2)   |        |               | L602 | * A3          | L1012 | J4 (#1, #2)   |
|        |             |       |               |    |    | IC313 | * B4 | IC701 | N4 (#1, #2)   | IC1003 | J4 (#1, #2)   |        |               | L603 | * C2          | L1013 | J4 (#1, #2)   |
|        |             |       |               |    |    | IC314 | B5   | IC702 | N4 (#1, #2)   | IC1004 | J5 (#1, #2)   |        |               | L604 | * C2          |       |               |
|        |             |       |               |    |    | IC315 | B4   | IC703 | N4 (#1, #2)   | IC1005 | H4 (#1, #2)   |        |               | L605 | B4            | Q101  | * D4          |
|        |             |       |               |    |    | IC316 | B4   | IC704 | P5 (#1, #2)   | IC1006 | H4 (#1, #2)   |        |               | L606 | B4            | Q102  | * D3          |
|        |             |       |               |    |    | IC317 | B4   | IC705 | P4 (#1, #2)   | IC1007 | J4 (#1, #2)   |        |               | L607 | B4            | Q103  | * E3          |
|        |             |       |               |    |    | IC318 | B4   | IC706 | P5 (#1, #2)   | IC1008 | J4 (#1, #2)   |        |               | L608 | B4            | Q104  | * E3          |
|        |             |       |               |    |    | IC319 | B4   | IC707 | P4 (#1, #2)   | IC1009 | K4 (#1, #2)   |        |               | L701 | P4 (#1, #2)   | Q105  | * C3          |
|        |             |       |               |    |    | IC320 | B4   | IC708 | P4 (#1, #2)   | IC1010 | J4 (#1, #2)   |        |               | L702 | P4 (#1, #2)   | Q106  | * D3          |
|        |             |       |               |    |    | IC321 | B4   | IC709 | P4 (#1, #2)   | IC1011 | H4 (#1, #2)   |        |               | L703 | N4 (#1, #2)   | Q107  | * E3          |
|        |             |       |               |    |    | IC322 | B4   | IC710 | P4 (#1, #2)   | IC1012 | H4 (#1, #2)   |        |               | L704 | P4 (#1, #2)   | Q108  | E4            |
|        |             |       |               |    |    | IC323 | B4   | IC711 | P4 (#1, #2)   | IC1013 | H4 (#1, #2)   |        |               | L705 | P4 (#1, #2)   | Q109  | C4            |
|        |             |       |               |    |    | IC324 | B4   | IC712 | N4 (#1, #2)   | IC1014 | J4 (#1, #2)   |        |               | L801 | * N2 (#1, #2) | Q110  | D4            |
|        |             |       |               |    |    | IC325 | B4   | IC713 | P4 (#1, #2)   | IC1015 | J4 (#1, #2)   |        |               | L802 | * N2 (#1, #2) | Q111  | E4            |
|        |             |       |               |    |    | IC326 | B4   | IC901 | M4 (#1, #2)   | IC1016 | H4 (#1, #2)   |        |               | L803 | * L3 (#1, #2) | Q112  | C4            |
|        |             |       |               |    |    | IC327 | B4   | IC902 | * L2 (#1, #2) | IC1017 | K4 (#1, #2)   |        |               | L804 | * M3 (#1, #2) | Q113  | D4            |
|        |             |       |               |    |    | IC328 | B4   | IC903 | * L2 (#1, #2) | IC1018 | K4 (#1, #2)   |        |               | L805 | * L3 (#1, #2) | Q114  | E4            |
|        |             |       |               |    |    | IC329 | B4   | IC904 | * L2 (#1, #2) | IC1019 | * J2 (#1, #2) |        |               | L806 | * M3 (#1, #2) | Q115  | C4            |
|        |             |       |               |    |    | IC330 | B4   | IC905 | * L2 (#1, #2) | IC1020 | * J2 (#1, #2) |        |               | L807 | * N3 (#1, #2) | Q116  | D4            |
|        |             |       |               |    |    | IC331 | B4   | IC906 | * L2 (#1, #2) | IC1021 | * K2 (#1, #2) |        |               | L808 | * M5 (#1, #2) | Q117  | E4            |
|        |             |       |               |    |    | IC332 | B4   | IC907 | * L2 (#1, #2) | IC1022 | * J2 (#1, #2) |        |               | L809 | * M5 (#1, #2) | Q118  | C4            |
|        |             |       |               |    |    | IC333 | B4   | IC908 | M4 (#1, #2)   | IC1023 | * K2 (#1, #2) |        |               | L810 | * M5 (#1, #2) | Q119  | D4            |
|        |             |       |               |    |    | IC334 | B4   | IC909 | M4 (#1, #2)   | IC1024 | * J2 (#1, #2) |        |               | L811 | * K3 (#1, #2) | Q120  | E4            |

12-14 (a)

12-14 (a)

DSR-80/80P/60/60P





## IO-149/149A/149B/149C -B SIDE-

SUFFIX : -12

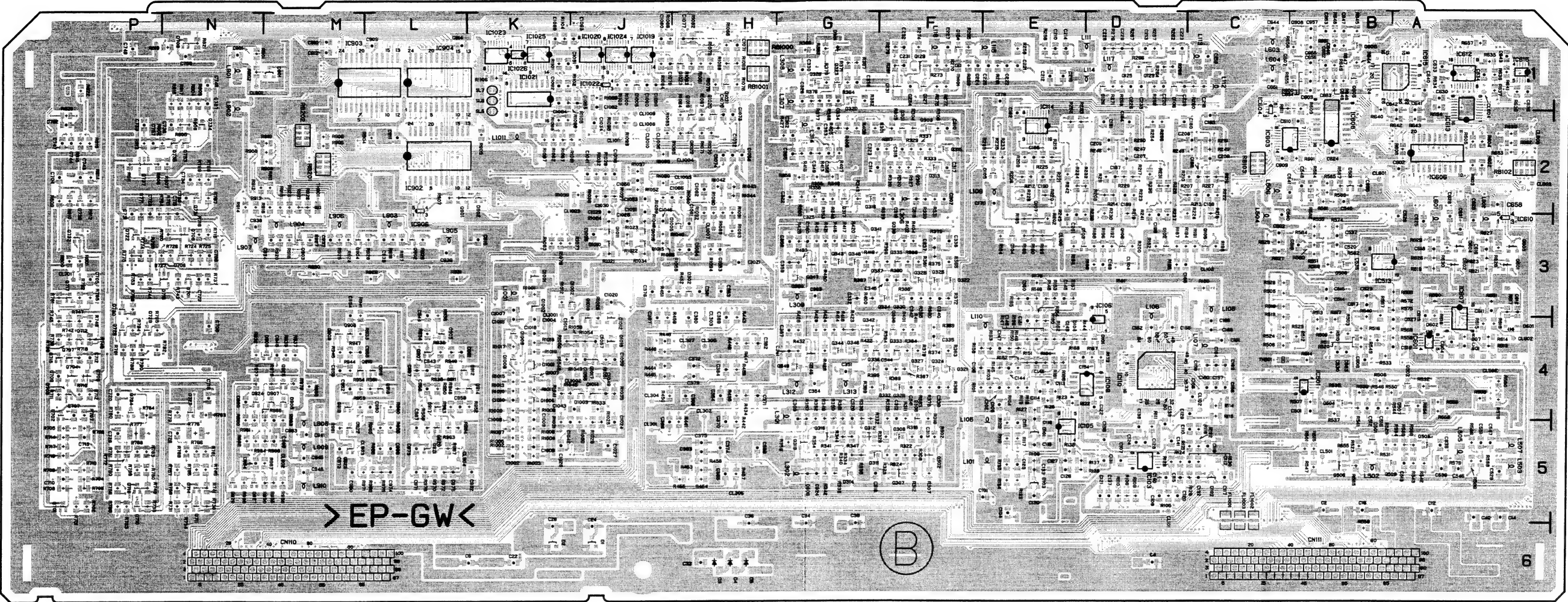
MODEL DSR-80/80P/60/60P

|      |      |      |      |      |               |      |               |       |               |        |                 |        |             |        |             |             |             |
|------|------|------|------|------|---------------|------|---------------|-------|---------------|--------|-----------------|--------|-------------|--------|-------------|-------------|-------------|
| Q121 | C4   | Q323 | * G2 | Q506 | * B5          | Q722 | * P3 (#1, #2) | Q920  | * L5 (#1, #2) | RB102  | * A2            | RV314  | G4          | RV1002 | J4 (#1, #2) | TP1004      | H4 (#1, #2) |
| Q122 | D4   | Q324 | * F4 | Q507 | * A4          | Q723 | * N4 (#1, #2) | Q921  | * L5 (#1, #2) | RB103  | * C2            | RV315  | G4          | RV1003 | H4 (#1, #2) | TP1005      | H4 (#1, #2) |
| Q123 | * D2 | Q325 | * F3 | Q508 | * B3          | Q724 | * P4 (#1, #2) | Q922  | * M5 (#1, #2) | RB201  | * M2 (#1, #2)   | RV316  | G4          | RV1004 | H4 (#1, #2) | TP1006      | H4 (#1, #2) |
| Q124 | * F2 | Q326 | * G2 | Q509 | * A5          | Q725 | P4 (#1, #2)   | Q923  | * M5 (#1, #2) | RB202  | * M2 (#1, #2)   | RV317  | G4          |        |             | TP1007      | H4 (#1, #2) |
| Q125 | * D2 | Q327 | * F4 | Q601 | * A3          | Q726 | P4 (#1, #2)   | Q924  | * N4 (#1, #2) | RB701  | * F4            | RV318  | J4          | S901   | L4 (#1, #2) | TP1008      | J4 (#1, #2) |
| Q126 | * D2 | Q328 | * F3 | Q602 | * A3          | Q727 | P4 (#1, #2)   | Q925  | * M4 (#1, #2) | RB1000 | * H2 (#1, #2)   | RV319  | J4          |        |             | TP1009      | H4 (#1, #2) |
| Q127 | * F2 | Q329 | * F4 | Q603 | * A3          | Q728 | * P4 (#1, #2) | Q926  | * N5 (#1, #2) | RB1001 | * H2 (#1, #2)   | RV501  | B4          |        |             |             |             |
| Q128 | D4   | Q330 | * F3 | Q604 | * A3          | Q729 | * P4 (#1, #2) | Q927  | * N5 (#1, #2) |        |                 | RV502  | C4          | TH101  | * F2        |             |             |
| Q129 | * F2 | Q331 | G4   | Q605 | * B2          | Q730 | * P3 (#1, #2) | Q1001 | * K3 (#1, #2) | RV101  | C4              | RV503  | C4          | TH901  | * M2 (#1)   | X101        | E5          |
| Q130 | D4   | Q332 | * F4 | Q606 | * B2          | Q731 | * N2 (#1, #2) | Q1002 | * K3 (#1, #2) | RV102  | E5              | RV504  | C4          |        |             | X102        | C5          |
| Q131 | * F2 | Q333 | * F4 | Q607 | * B2          | Q732 | * P3 (#1, #2) | Q1003 | K5 (#1, #2)   | RV103  | E5              | RV505  | B4          | TP101  | C4          | X103        | E5          |
| Q301 | * F2 | Q334 | * F3 | Q608 | * B2          | Q733 | * N2 (#1, #2) | Q1004 | K5 (#1, #2)   | RV104  | E4 (#1, #2, #3) | RV506  | A4          | TP102  | D4          | X601        | A4          |
| Q302 | * F5 | Q335 | * F3 | Q701 | * P5 (#1, #2) | Q734 | * N2 (#1, #2) | Q1005 | K5 (#1, #2)   | RV105  | E4              | RV601  | A4          | TP103  | E4          | X602        | A4          |
| Q303 | * F2 | Q336 | * G4 | Q702 | * P4 (#1, #2) | Q735 | * N2 (#1, #2) | Q1006 | * K4 (#1, #2) | RV106  | E4              | RV701  | N5 (#1, #2) | TP301  | J5          | X1001       | J4 (#1, #2) |
| Q304 | F4   | Q337 | * G3 | Q703 | * P4 (#1, #2) | Q736 | * P2 (#1, #2) | Q1007 | * K4 (#1, #2) | RV107  | E4              | RV702  | P5 (#1, #2) | TP302  | H4          | X1002       | J4 (#1, #2) |
| Q305 | F4   | Q338 | * F4 | Q704 | * P4 (#1, #2) | Q737 | * P2 (#1, #2) | Q1008 | * K4 (#1, #2) | RV108  | D4              | RV703  | P4 (#1, #2) | TP303  | H4          |             |             |
| Q306 | * F4 | Q339 | * F3 | Q705 | * P4 (#1, #2) | Q901 | * L2 (#1, #2) | Q1009 | * K4 (#1, #2) | RV109  | E4              | RV704  | N4 (#1, #2) | TP304  | J4          |             |             |
| Q307 | * F5 | Q340 | G4   | Q706 | * N3 (#1, #2) | Q902 | * L3 (#1, #2) | Q1010 | * J3 (#1, #2) | RV110  | E4              | RV901  | N4 (#1, #2) | TP305  | H4          | #1: IO-149  |             |
| Q308 | * F5 | Q341 | * G3 | Q707 | * P4 (#1, #2) | Q903 | * M3 (#1, #2) | Q1011 | * J3 (#1, #2) | RV111  | D4              | RV902  | M4 (#1, #2) | TP306  | H5          | #2: IO-149A |             |
| Q309 | F4   | Q342 | * G4 | Q708 | * N3 (#1, #2) | Q904 | * M3 (#1, #2) | Q1012 | * J4 (#1, #2) | RV112  | D4              | RV903  | M4 (#1, #2) | TP307  | H4          | #3: IO-149B |             |
| Q310 | * F2 | Q343 | * G3 | Q709 | * P4 (#1, #2) | Q905 | * L4 (#1, #2) | Q1013 | * J4 (#1, #2) | RV301  | F4              | RV904  | M4 (#1, #2) | TP501  | B5          | #4: IO-149C |             |
| Q311 | * G5 | Q344 | * G4 | Q710 | * P5 (#1, #2) | Q906 | * M4 (#1, #2) | Q1014 | * J4 (#1, #2) | RV302  | F5              | RV905  | L4 (#1, #2) | TP502  | A4          |             |             |
| Q312 | * G5 | Q345 | * G4 | Q711 | * N5 (#1, #2) | Q907 | * L4 (#1, #2) | Q1015 | * J3 (#1, #2) | RV303  | F4              | RV906  | K4 (#1, #2) | TP601  | B4          |             |             |
| Q313 | * F2 | Q346 | * G4 | Q712 | * P4 (#1, #2) | Q908 | * M4 (#1, #2) | Q1016 | * J3 (#1, #2) | RV304  | F4              | RV907  | L4 (#1, #2) | TP602  | A4          |             |             |
| Q314 | * G5 | Q347 | * G3 | Q713 | * P5 (#1, #2) | Q909 | * M4 (#1, #2) | Q1017 | * J4 (#1, #2) | RV305  | G5              | RV908  | K4 (#1, #2) | TP603  | A4          |             |             |
| Q315 | * F2 | Q348 | * G3 | Q714 | * N5 (#1, #2) | Q910 | * L4 (#1, #2) | Q1018 | * J4 (#1, #2) | RV306  | G5              | RV909  | L4 (#1, #2) | TP604  | A4          |             |             |
| Q316 | * G2 | Q349 | * G4 | Q715 | * P4 (#1, #2) | Q911 | * L4 (#1, #2) | Q1019 | * H2 (#1, #2) | RV307  | G4              | RV910  | M4 (#1, #2) | TP701  | P4 (#1, #2) |             |             |
| Q317 | * G2 | Q350 | * G3 | Q716 | * N3 (#1)     | Q912 | * L4 (#1, #2) | Q1020 | * H2 (#1, #2) | RV308  | G5              | RV911  | M4 (#1, #2) | TP901  | N4 (#1, #2) |             |             |
| Q318 | * G5 | Q501 | * B5 | Q717 | * P3 (#1, #2) | Q913 | * M4 (#1, #2) | Q1021 | * H2 (#1, #2) | RV309  | F4              | RV912  | L4 (#1, #2) | TP902  | M5 (#1, #2) |             |             |
| Q319 | * G5 | Q502 | * A4 | Q718 | N5 (#1, #2)   | Q914 | * K4 (#1, #2) | Q1022 | * H2 (#1, #2) | RV310  | F4              | RV913  | L4 (#1, #2) | TP903  | M5 (#1, #2) |             |             |
| Q320 | * G2 | Q503 | B5   | Q719 | N5 (#1, #2)   | Q915 | * M4 (#1, #2) | Q1023 | * H2 (#1, #2) | RV311  | G4              | RV914  | M4 (#1, #2) | TP904  | L5 (#1, #2) |             |             |
| Q321 | * F4 | Q504 | * B4 | Q720 | P5 (#1, #2)   | Q916 | * L4 (#1, #2) |       |               | RV312  | F4              | RV915  | M4 (#1, #2) | TP1001 | J4 (#1, #2) |             |             |
| Q322 | * F3 | Q505 | * A5 | Q721 | P5 (#1, #2)   | Q917 | * L4 (#1, #2) | RB101 | C4            | RV313  | F4              | RV1001 | K4 (#1, #2) | TP1002 | K4 (#1, #2) |             |             |
|      |      |      |      |      |               | Q918 | * L4 (#1, #2) |       |               |        |                 |        |             | TP1003 | K4 (#1, #2) |             |             |
|      |      |      |      |      |               | Q919 | * M4 (#1, #2) |       |               |        |                 |        |             |        |             |             |             |









IO-149B/149C -B SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P

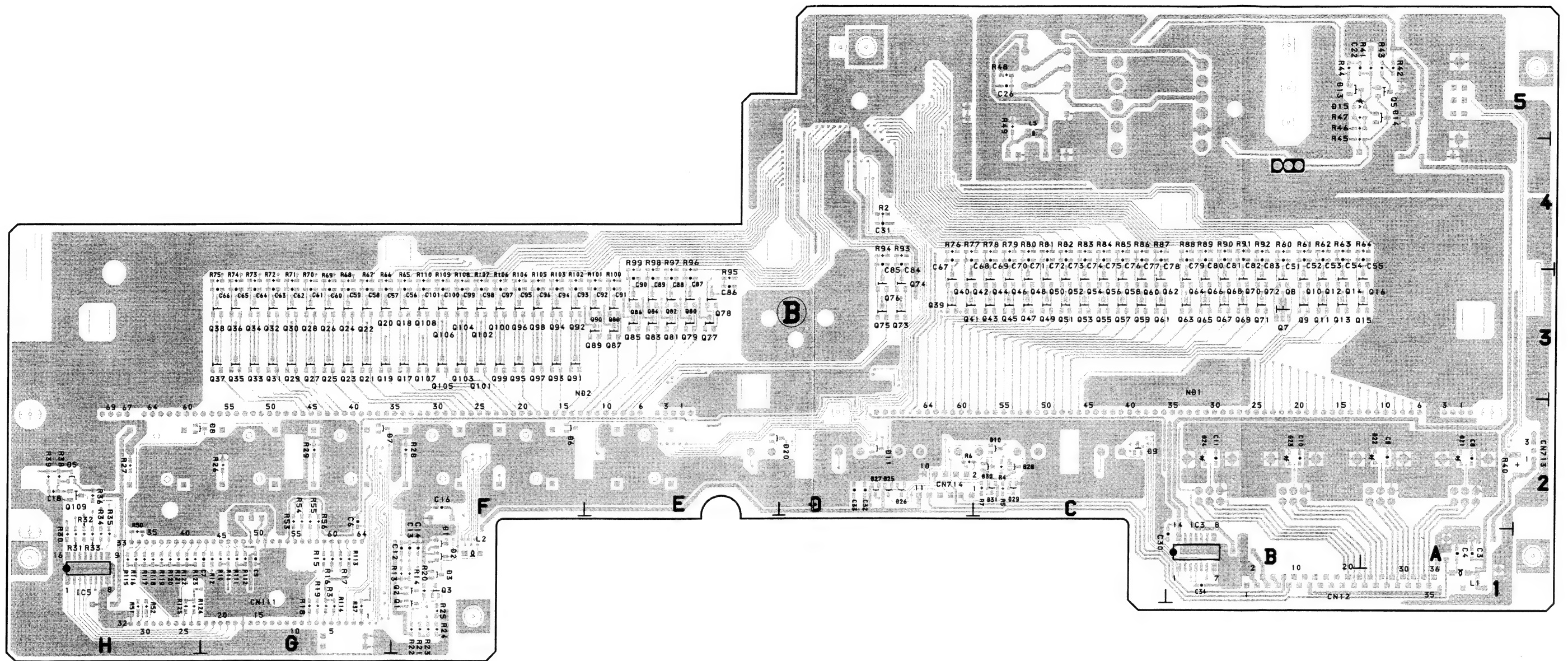
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| RV112 | D1 | TH501 | * C4 (PAL ONLY) |
| RV301 | F2 |       |                 |
| RV302 | F5 | TP101 | C3              |
| RV303 | F4 | TP102 | D3              |
| RV304 | F2 | TP103 | E3              |
| RV305 | G5 | TP301 | J5              |
| RV306 | G5 | TP302 | H4              |
| RV307 | G2 | TP303 | H4              |
| RV308 | G5 | TP304 | J4              |
| RV309 | F4 | TP305 | H4              |
| RV310 | F3 | TP306 | H5              |
| RV311 | G1 | TP307 | H4              |
| RV312 | F3 | TP501 | B5              |
| RV313 | F4 | TP502 | A4              |
| RV314 | G3 | TP601 | B2              |
| RV315 | G4 | TP602 | A4              |
| RV316 | G4 | TP603 | A2              |
| RV317 | G3 | TP604 | A2              |
| RV318 | J4 |       |                 |
| RV319 | J4 | X101  | E5              |
| RV501 | B4 | X102  | C5              |
| RV502 | C3 | X103  | E5              |
| RV503 | C4 | X601  | A3              |
| RV504 | C3 | X602  | A3              |
| RV505 | B4 |       |                 |
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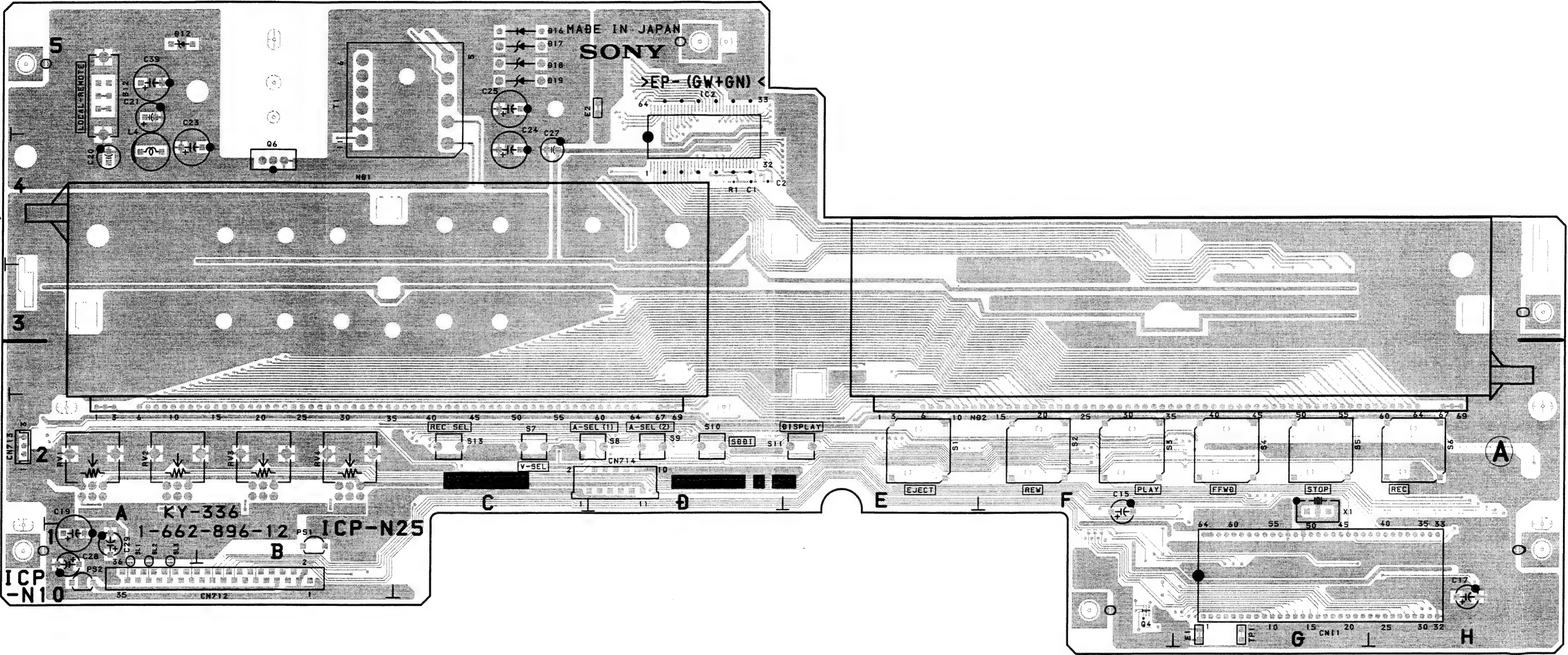
KY-336/336B (1-662-896-13)

|       |           |     |           |     |      |     |      |     |      |     |      |     |      |     |      |      |         |            |         |
|-------|-----------|-----|-----------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|------|---------|------------|---------|
| CN712 | B1        | D17 | C5        | IC3 | * B1 | Q5  | * A5 | Q24 | * G3 | Q43 | * C3 | Q62 | * C3 | Q81 | * E3 | Q100 | * F3    | S4         | G2      |
| CN713 | A2        | D18 | C5        | IC4 | * B1 | Q6  | * B4 | Q25 | * G3 | Q44 | * C3 | Q63 | * B3 | Q82 | * E3 | Q101 | * F3    | S5         | G2      |
| CN714 | D2        | D19 |           | IC5 | * H1 | Q7  | * B3 | Q26 | * G3 | Q45 | * C3 | Q64 | * B3 | Q83 | * E3 | Q102 | * F3    | S6         | H2 (#1) |
|       |           | D20 | * E2      |     |      | Q8  | * B3 | Q27 | * G3 | Q46 | * C3 | Q65 | * B3 | Q84 | * E3 | Q103 | * F3    | S7         | C2 (#1) |
| D1    | * F1      | D21 | * A2 (#1) | L1  | * A1 | Q9  | * B3 | Q28 | * G3 | Q47 | * C3 | Q66 | * B3 | Q85 | * E3 | Q104 | * F3    | S8         | D2 (#1) |
| D2    | * F1      | D22 | * A2 (#1) | L2  | * F1 | Q10 | * B3 | Q29 | * G3 | Q48 | * C3 | Q67 | * B3 | Q86 | * E3 | Q105 | * F3    | S9         | D2 (#1) |
| D3    | * F1      | D23 | * B2 (#1) | L4  | * A4 | Q11 | * B3 | Q30 | * G3 | Q49 | * C3 | Q68 | * B3 | Q87 | * E3 | Q106 | * F3    | S10        | D2 (#1) |
| D5    | * H2      | D24 | * B2 (#1) | L5  | * C5 | Q12 | * B3 | Q31 | * G3 | Q50 | * C3 | Q69 | * B3 | Q88 | * E3 | Q107 | * F3    | S11        | E2      |
| D6    | * F2      | D25 | * D2      |     |      | Q13 | * B3 | Q32 | * G3 | Q51 | * C3 | Q70 | * B3 | Q89 | * E3 | Q108 | * F3    | S12        | A5      |
| D7    | * G2      | D26 | * D2      | ND1 | A2   | Q14 | * B3 | Q33 | * G3 | Q52 | * C3 | Q71 | * B3 | Q90 | * E3 | Q109 | * H2    | S13        | C2 (#1) |
| D8    | * H2      | D27 | * D2      | ND2 | E2   | Q15 | * A3 | Q34 | * G3 | Q53 | * C3 | Q72 | * B3 | Q91 | * F3 |      |         |            |         |
| D9    | * C2 (#1) | D28 | * C2      |     |      | Q16 | * A3 | Q35 | * G3 | Q54 | * C3 | Q73 | * D3 | Q92 | * F3 | RV1  | A2 (#1) | TP1        | G1      |
| D10   | * C2 (#1) | D29 | * C2      | PS1 | B1   | Q17 | * F3 | Q36 | * G3 | Q55 | * C3 | Q74 | * D3 | Q93 | * F3 | RV2  | A2 (#1) |            |         |
| D11   | * D2      | D30 | * C2      | PS2 | A1   | Q18 | * F3 | Q37 | * G3 | Q56 | * C3 | Q75 | * D3 | Q94 | * F3 | RV3  | B2 (#1) | T1         | C4      |
| D12   | A5        | D31 | * C2      |     |      | Q19 | * G3 | Q38 | * G3 | Q57 | * C3 | Q76 | * D3 | Q95 | * F3 | RV4  | B2 (#1) |            |         |
| D13   | * B5      |     |           | Q1  | * F1 | Q20 | * G3 | Q39 | * D3 | Q58 | * C3 | Q77 | * E3 | Q96 | * F3 |      |         | X1         | G2      |
| D14   | * A5      | E1  | G1        | Q2  | * F1 | Q21 | * G3 | Q40 | * D3 | Q59 | * C3 | Q78 | * E3 | Q97 | * F3 | S1   | E2      |            |         |
| D15   | * B5      |     |           | Q3  | * F1 | Q22 | * G3 | Q41 | * D3 | Q60 | * C3 | Q79 | * E3 | Q98 | * F3 | S2   | F2      | #1: KY-336 |         |
| D16   | C5        | IC2 | D4        | Q4  | F1   | Q23 | * G3 | Q42 | * D3 | Q61 | * C3 | Q80 | * E3 | Q99 | * F3 | S3   | F2      |            |         |





**KY-336/336B -B SIDE-**  
 SUFFIX : -13  
 MODEL DSR-80/80P/60/60P



**KY-336B -A SIDE-**  
SUFFIX : -12  
MODEL DSR-60/60P

KY-336B (1-662-896-12)

\*: B SIDE

CN11    G1  
D17    C5  
D18    C5  
D19    C5  
CN712    B1  
CN713    A2  
CN714    D2  
D1    \* F1  
D2    \* F1  
D3    \* F1  
D5    \* H2  
D6    \* F2  
D7    \* G2  
D8    \* H2  
D11    \* D2  
D12    A5  
D13    \* B5  
D14    \* A5  
D15    \* B5  
D16    C5

D17    C5  
D18    C5  
D19    C5  
D20    \* E2  
E1    G1  
IC2    D4  
IC3    \* B1  
IC5    \* H1  
L1    \* A1  
L2    \* F1  
L4    A4  
L5    \* C5  
ND1    A2  
ND2    E2

PS1    B1  
PS2    A1  
Q1    \* F1  
Q2    \* F1  
Q3    \* F1  
Q4    F1  
Q5    \* A5  
Q6    B4  
Q7    \* B3  
Q8    \* B3  
Q9    \* B3  
Q10    \* B3  
Q11    \* B3  
Q12    \* B3  
Q13    \* B3  
Q14    \* B3  
Q15    \* A3  
Q16    \* A3

Q17    \* F3  
Q18    \* F3  
Q19    \* G3  
Q20    \* G3  
Q21    \* G3  
Q22    \* G3  
Q23    \* G3  
Q24    \* G3  
Q25    \* G3  
Q26    \* G3  
Q27    \* G3  
Q28    \* G3  
Q29    \* G3  
Q30    \* G3  
Q31    \* G3  
Q32    \* G3  
Q33    \* G3  
Q34    \* G3  
Q35    \* G3

Q36    \* G3  
Q37    \* G3  
Q38    \* G3  
Q39    \* D3  
Q40    \* D3  
Q41    \* D3  
Q42    \* D3  
Q43    \* C3  
Q44    \* C3  
Q45    \* C3  
Q46    \* C3  
Q47    \* C3  
Q48    \* C3  
Q49    \* C3  
Q50    \* C3  
Q51    \* C3  
Q52    \* C3  
Q53    \* C3  
Q54    \* C3

Q55    \* C3  
Q56    \* C3  
Q57    \* C3  
Q58    \* C3  
Q59    \* C3  
Q60    \* C3  
Q61    \* C3  
Q62    \* C3  
Q63    \* B3  
Q64    \* B3  
Q65    \* B3  
Q66    \* B3  
Q67    \* B3  
Q68    \* B3  
Q69    \* B3  
Q70    \* B3  
Q71    \* B3  
Q72    \* B3  
Q73    \* D3

Q74    \* D3  
Q75    \* D3  
Q76    \* D3  
Q77    \* E3  
Q78    \* E3  
Q79    \* E3  
Q80    \* E3  
Q81    \* E3  
Q82    \* E3  
Q83    \* E3  
Q84    \* E3  
Q85    \* E3  
Q86    \* E3  
Q87    \* E3  
Q88    \* E3  
Q89    \* E3  
Q90    \* E3  
Q91    \* F3  
Q92    \* F3

Q93    \* F3  
Q94    \* F3  
Q95    \* F3  
Q96    \* F3  
Q97    \* F3  
Q98    \* F3  
Q99    \* F3  
Q100    \* F3  
Q101    \* F3  
Q102    \* F3  
Q103    \* F3  
Q104    \* F3  
Q105    \* F3  
Q106    \* F3  
Q107    \* F3  
Q108    \* F3  
Q109    \* H2  
S1    E2

S2    F2  
S3    F2  
S4    G2  
S5    G2  
S11    E2  
S12    A5  
TP1    G1  
T1    C4  
X1    G2







MB-712: MOTHER BOARD

MB-712 (1-664-950-13)

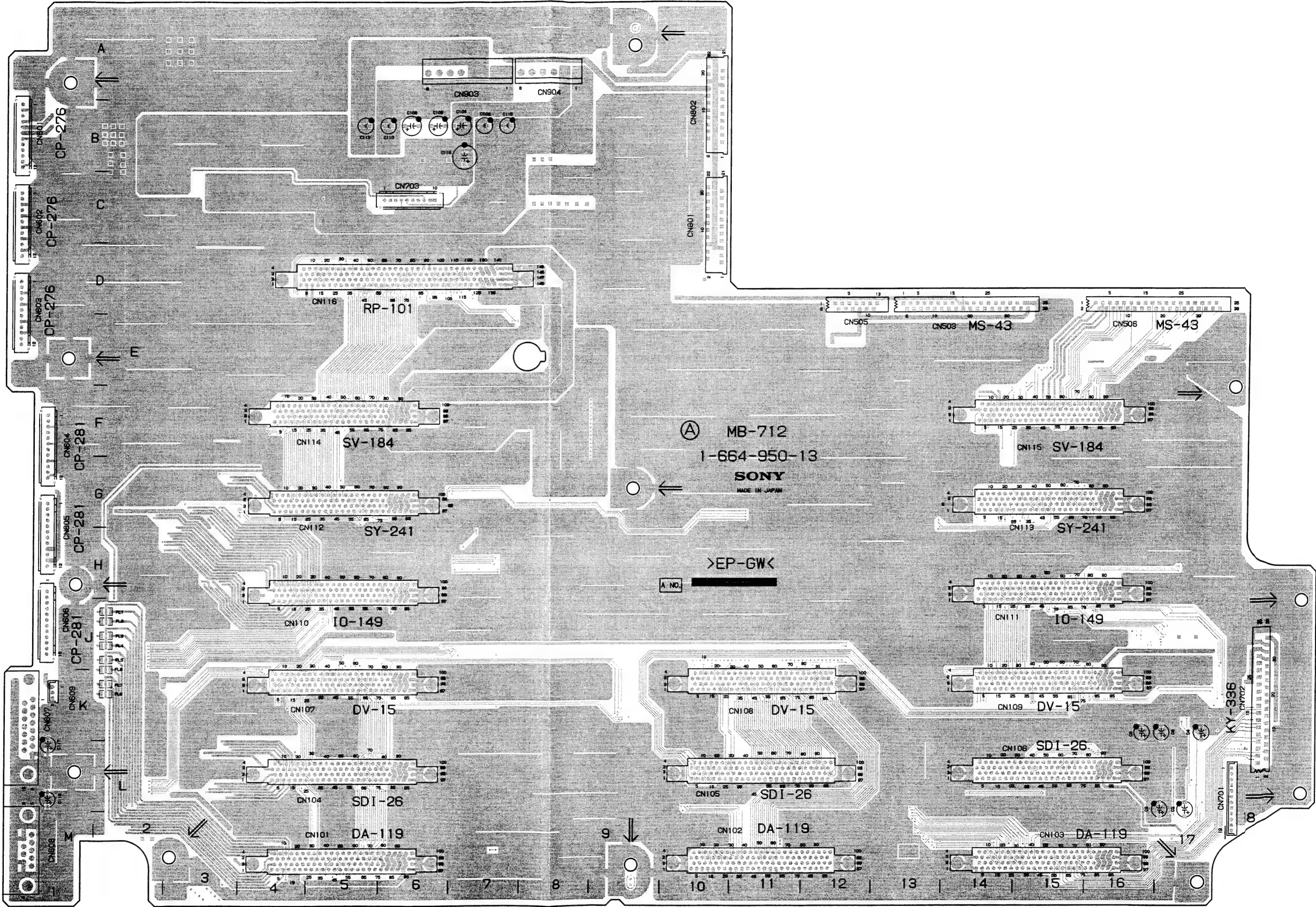
\*: B SIDE

- CN101 M4
- CN102 M10
- CN103 M14
- CN104 L4
- CN105 L10
- CN106 L14
- CN107 K4
- CN108 K10
- CN109 K14
- CN110 J4
- CN111 J14
- CN112 G4
- CN113 G14
- CN114 F4
- CN115 F14
- CN116 D4
- CN503 D13
- CN505 D12
- CN506 D16
- CN601 B1
- CN602 C1
- CN603 D1
- CN604 F1
- CN605 G1
- CN606 H1
- CN607 K1
- CN608 M1
- CN609 K1
- CN701 L18
- CN702 L18
- CN703 C6
- CN801 D10
- CN802 B10
- CN903 A7
- CN904 A8

- FL1 J2
- FL2 J2
- FL3 J2
- FL4 J2
- FL5 J2
- FL6 J2
- FL7 K2
- FL8 K2

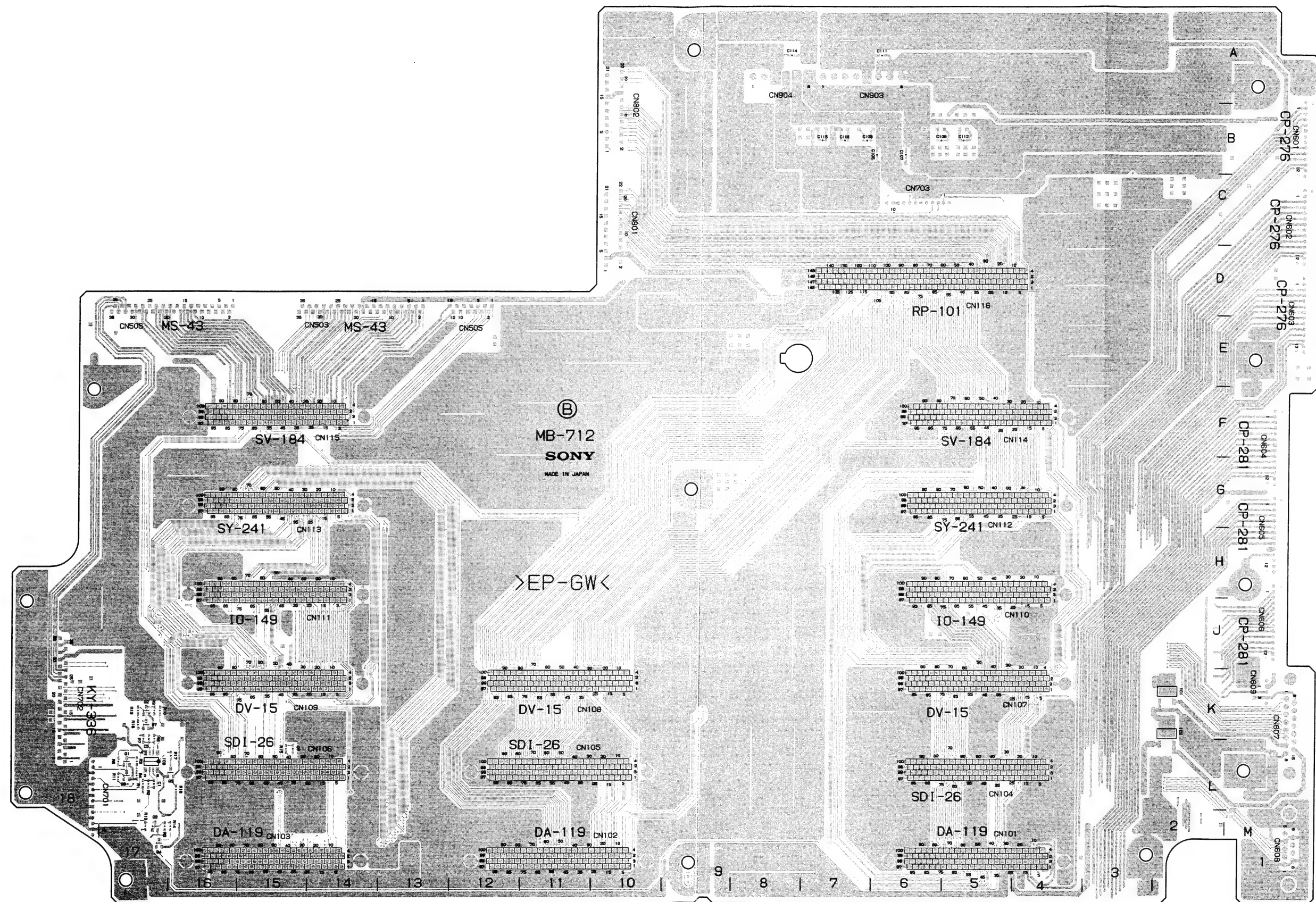
- IC1 \* K2
- IC2 \* K2
- IC3 \* L17

- Q1 \* L17
- Q2 \* K17
- Q3 \* M17
- Q4 \* M17
- Q5 \* L16
- Q6 \* L17
- Q7 \* K17



MB-712 -A SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P

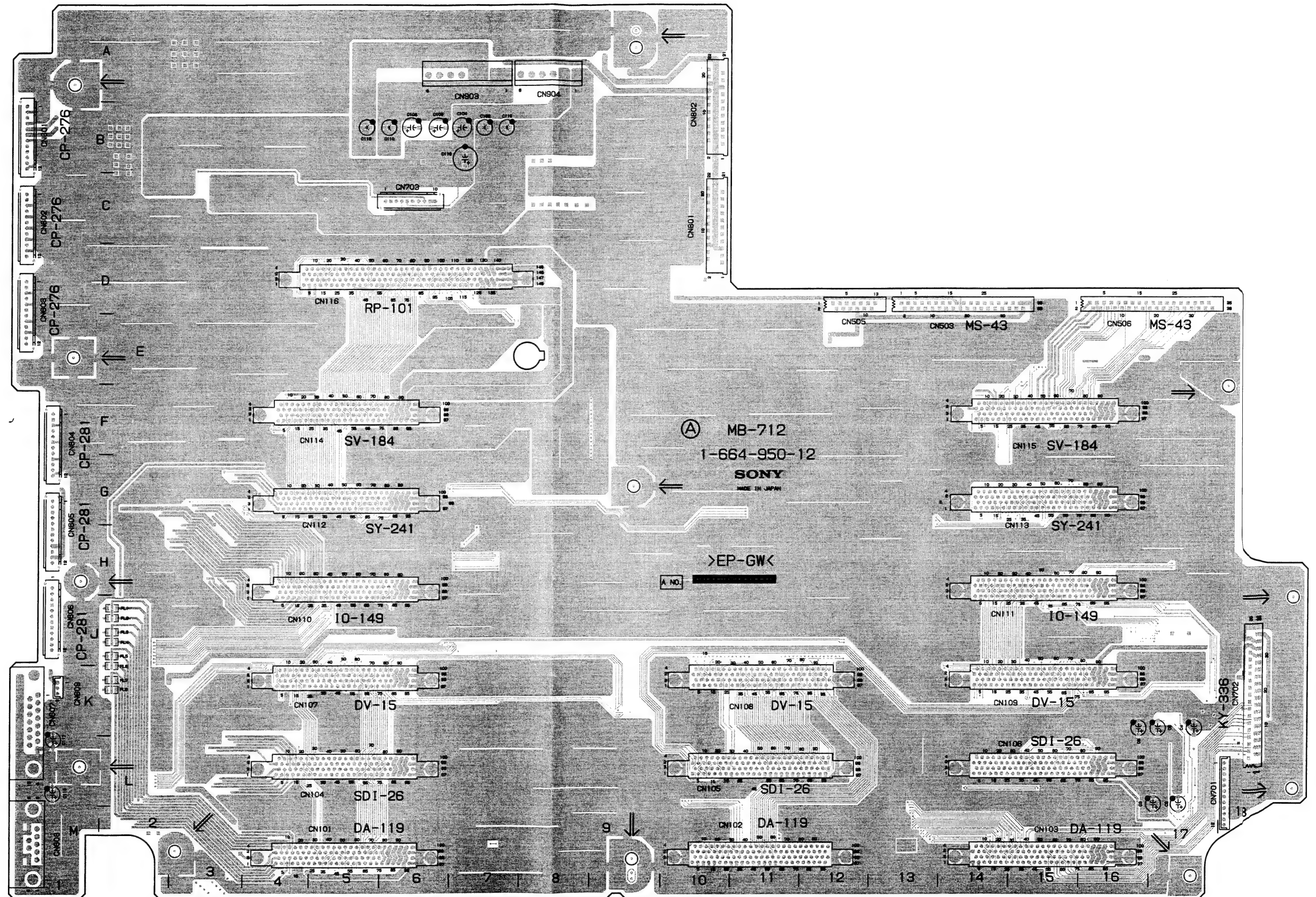




**MB-712 -B SIDE-**  
SUFFIX : -13  
MODEL DSR-80/80P

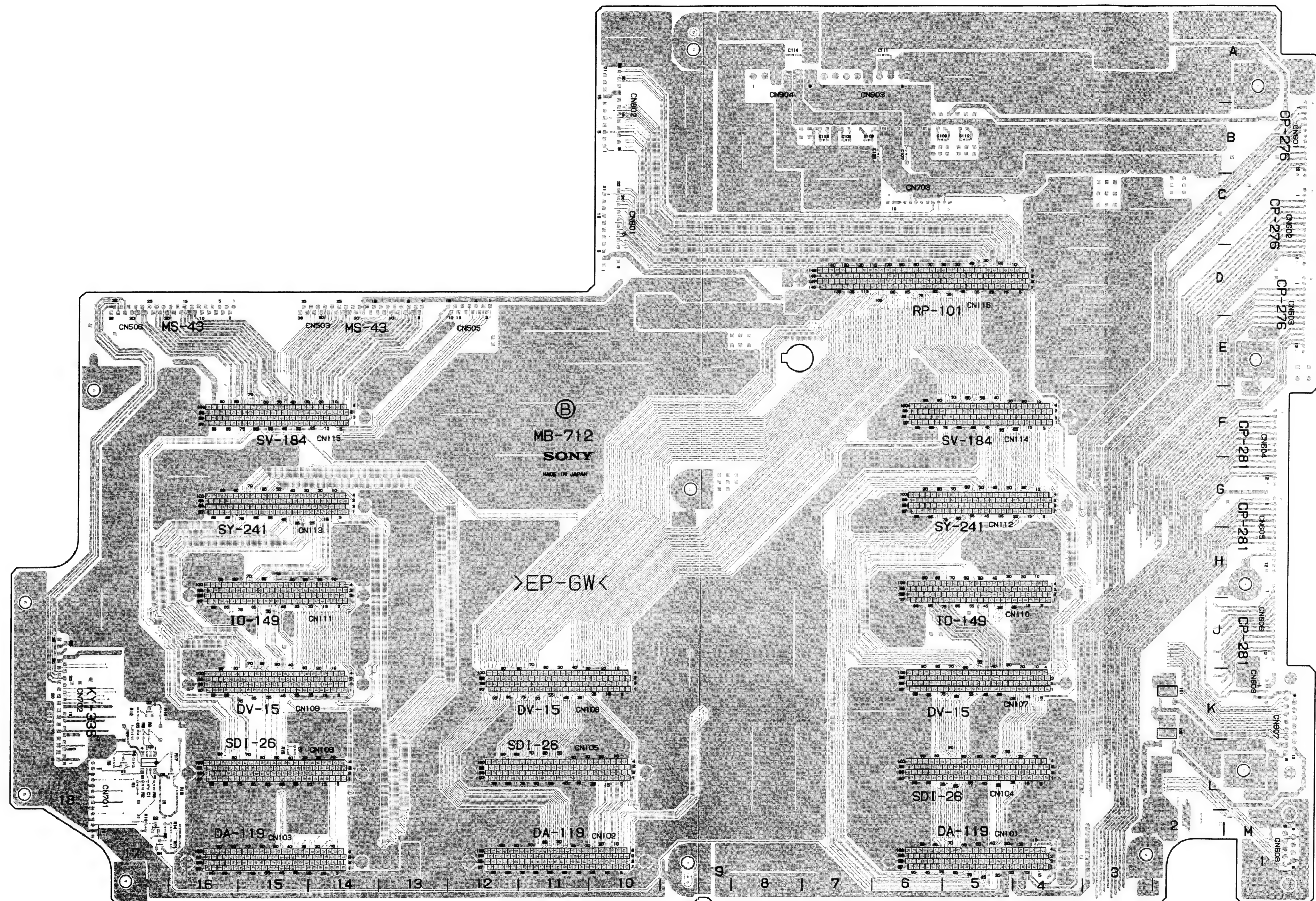


```
Q1      * L17
Q2      * K17
Q3      * M17
Q4      * M17
Q5      * L16
```



DSR-80/80P





**MB-712 -B SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P



MB-712: MOTHER BOARD

MB-712 (1-664-950-11)

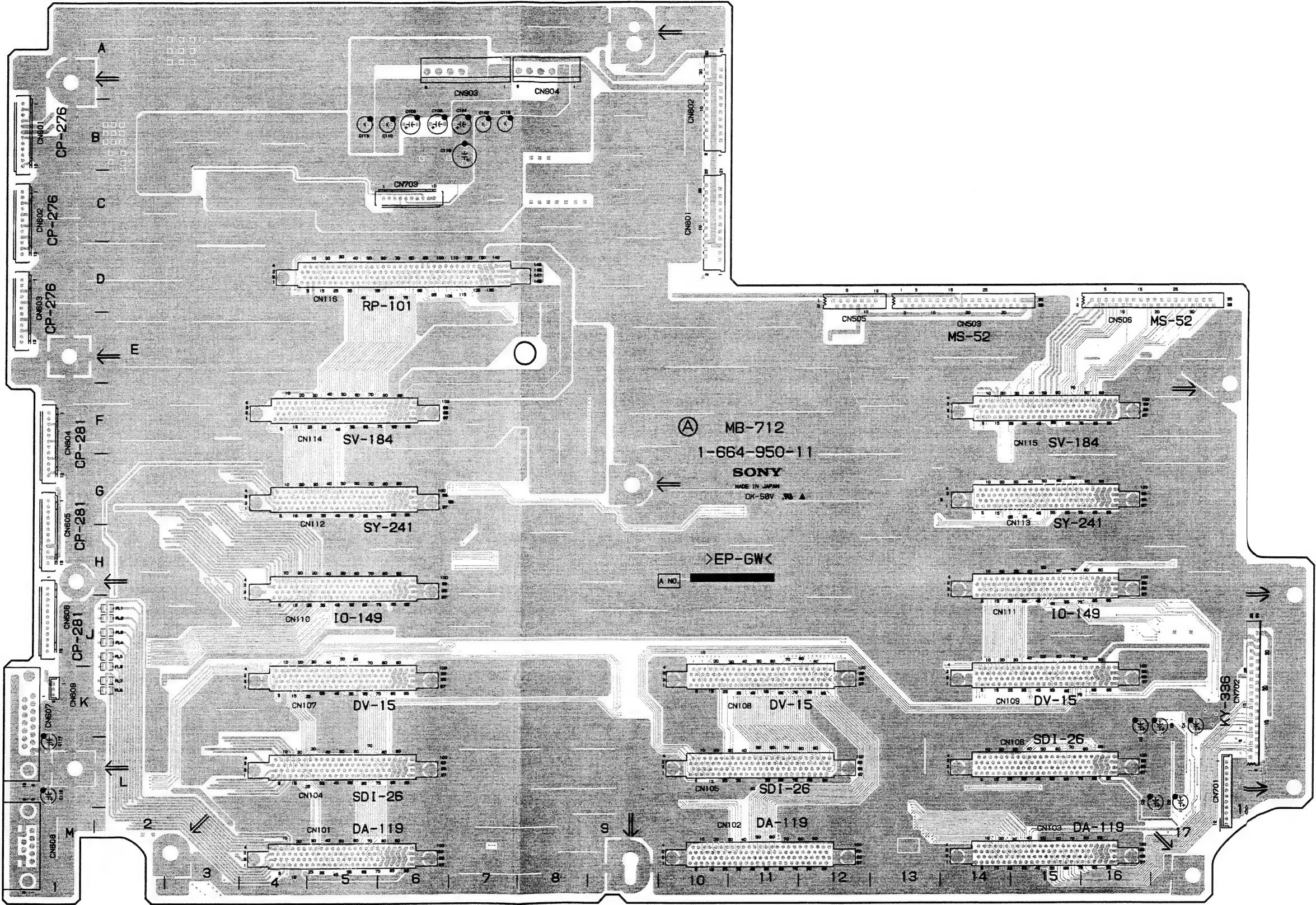
\*: B SIDE

CN101 M4  
CN102 M10  
CN103 M14  
CN104 L4  
CN105 L10  
CN106 L14  
CN107 K4  
CN108 K10  
CN109 K14  
CN110 J4  
CN111 J14  
CN112 G4  
CN113 G14  
CN114 F4  
CN115 F14  
CN116 D4  
CN503 D13  
CN505 D12  
CN506 D16  
CN601 B1  
CN602 C1  
CN603 D1  
CN604 F1  
CN605 G1  
CN606 H1  
CN607 K1  
CN608 M1  
CN609 K1  
CN701 L18  
CN702 L18  
CN703 C6  
CN801 D10  
CN802 B10  
CN903 A7  
CN904 A8

FL1 J2  
FL2 J2  
FL3 J2  
FL4 J2  
FL5 J2  
FL6 J2  
FL7 K2  
FL8 K2

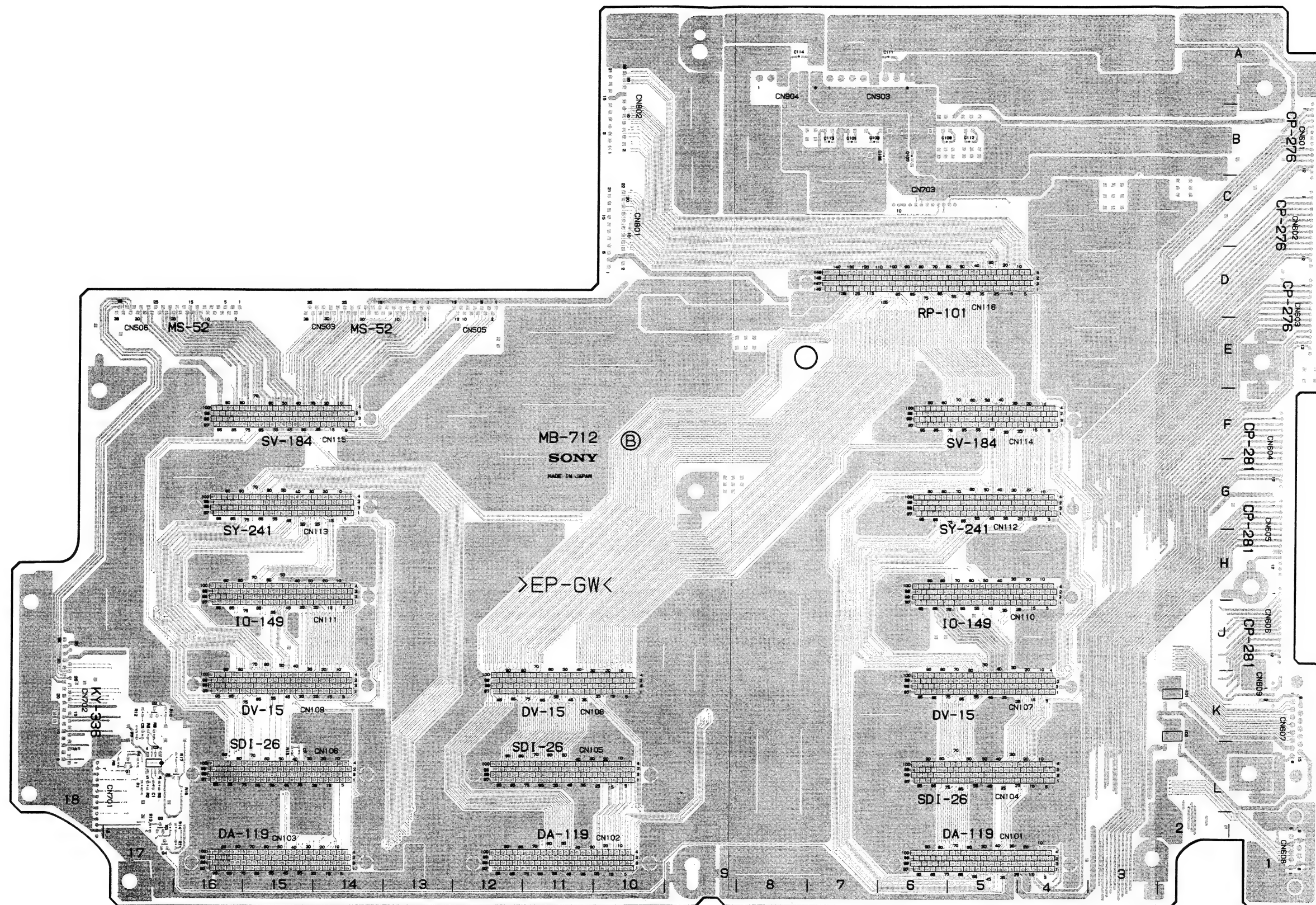
IC1 \*K2  
IC2 \*K2  
IC3 \*L17

Q1 \*L17  
Q2 \*K17  
Q3 \*M17  
Q4 \*M17  
Q5 \*L16



MB-712-A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P





**MB-712 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P



MB-713: MOTHER BOARD

DSR-60/60P

DSR-60/60P

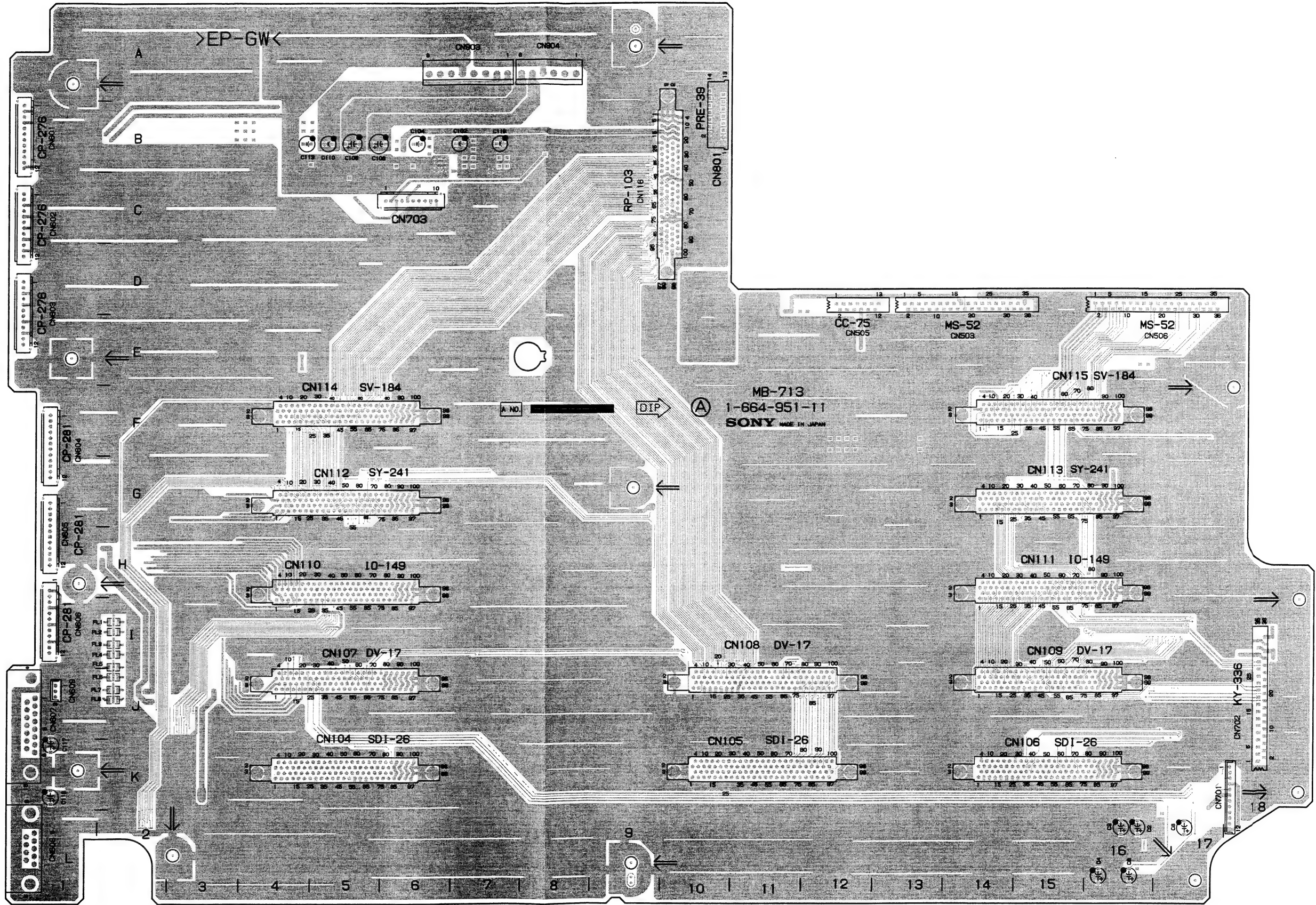
MB-713 (1-664-951-11)

\*: B SIDE

CN104 K4  
CN105 K10  
CN106 K14  
CN107 J4  
CN108 J10  
CN109 J14  
CN110 I4  
CN111 I14  
CN112 G4  
CN113 G14  
CN114 F4  
CN115 F14  
CN116 B9  
CN503 D13  
CN505 D12  
CN506 D16  
CN601 B1  
CN602 C1  
CN603 D1  
CN604 F1  
CN605 G1  
CN606 H1  
CN607 J1  
CN608 L1  
CN609 J1  
CN701 K18  
CN702 K18  
CN703 C6  
CN801 B10  
CN903 A7  
CN904 A8

IC1 \* K3  
IC2 \* K3  
IC3 \* L16

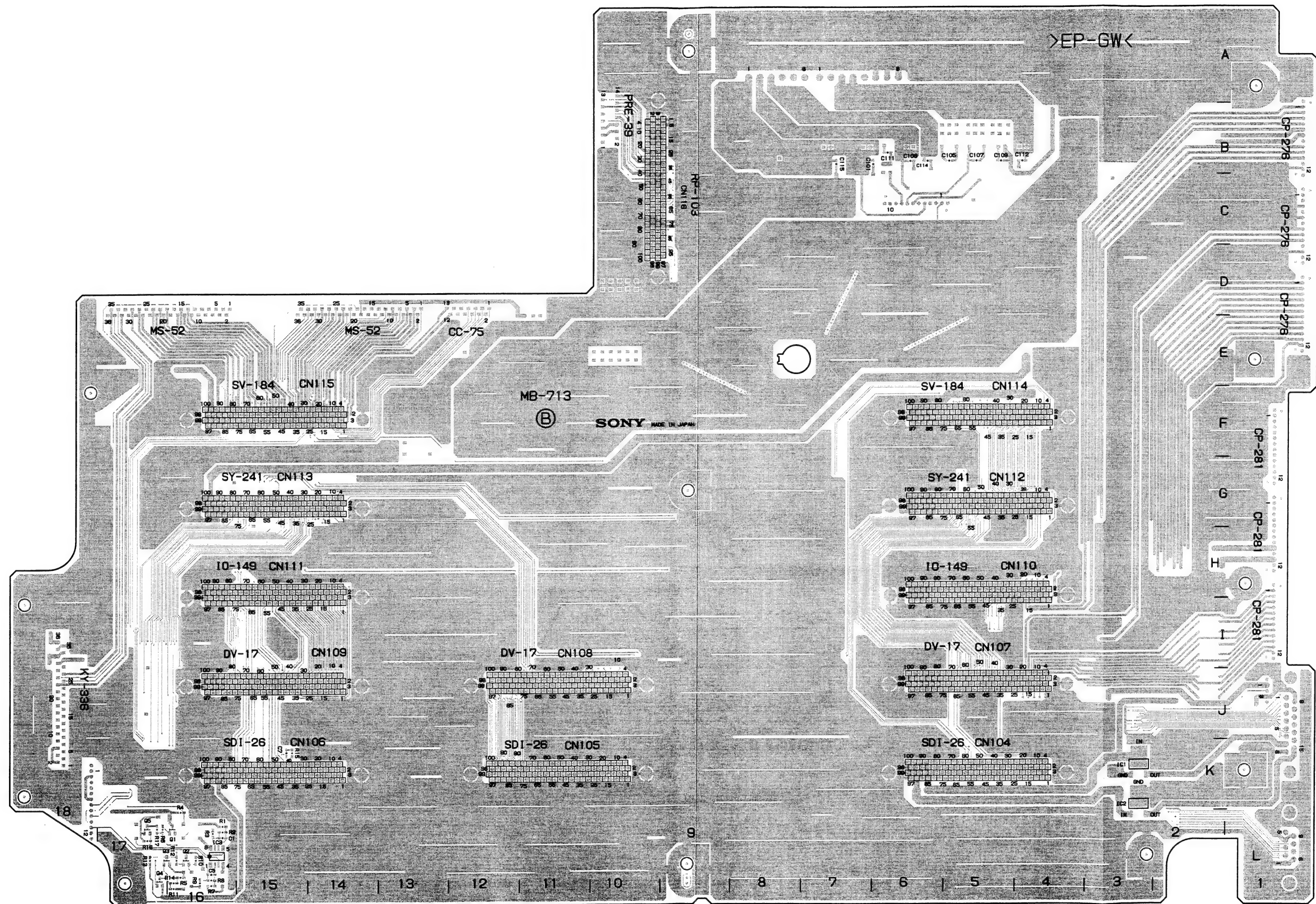
Q1 \* L16  
Q2 \* L16  
Q3 \* L17  
Q4 \* L17



MB-713 -A SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P

DSR-60/60P





**MB-713 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-60/60P

MS-43: DRUM/CAPSTAN DRIVE  
MECHA SENSOR

MS-43 (1-662-898-12,13,14)

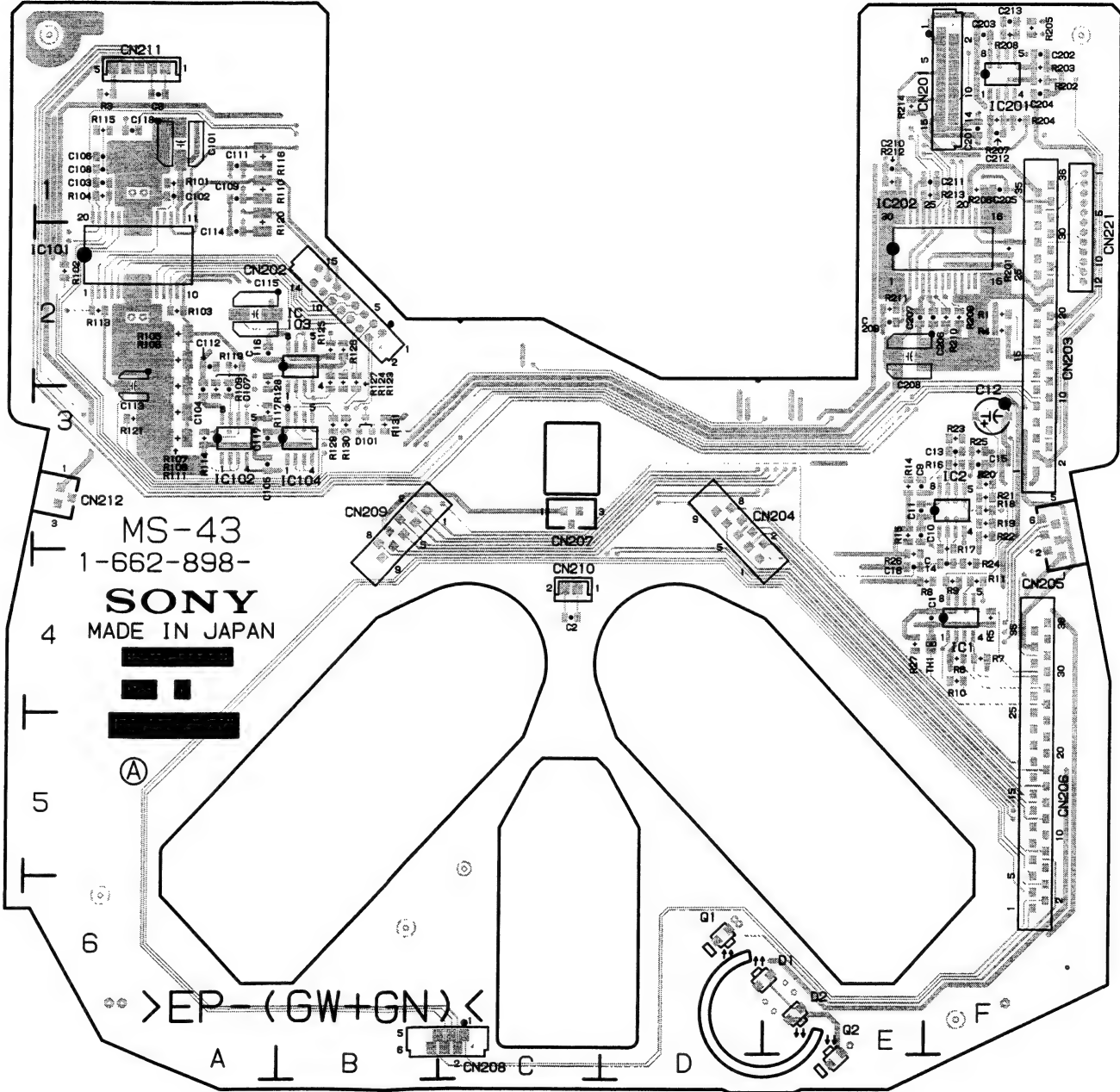
\*: B SIDE

- |       |    |
|-------|----|
| CN201 | F1 |
| CN202 | B2 |
| CN203 | F3 |
| CN204 | D4 |
| CN205 | F4 |
| CN206 | F6 |
| CN207 | C3 |
| CN208 | C6 |
| CN209 | B3 |
| CN210 | C4 |
| CN211 | A1 |
| CN212 | A3 |
| CN221 | F1 |

- |      |    |
|------|----|
| D1   | D6 |
| D2   | E6 |
| D101 | B3 |

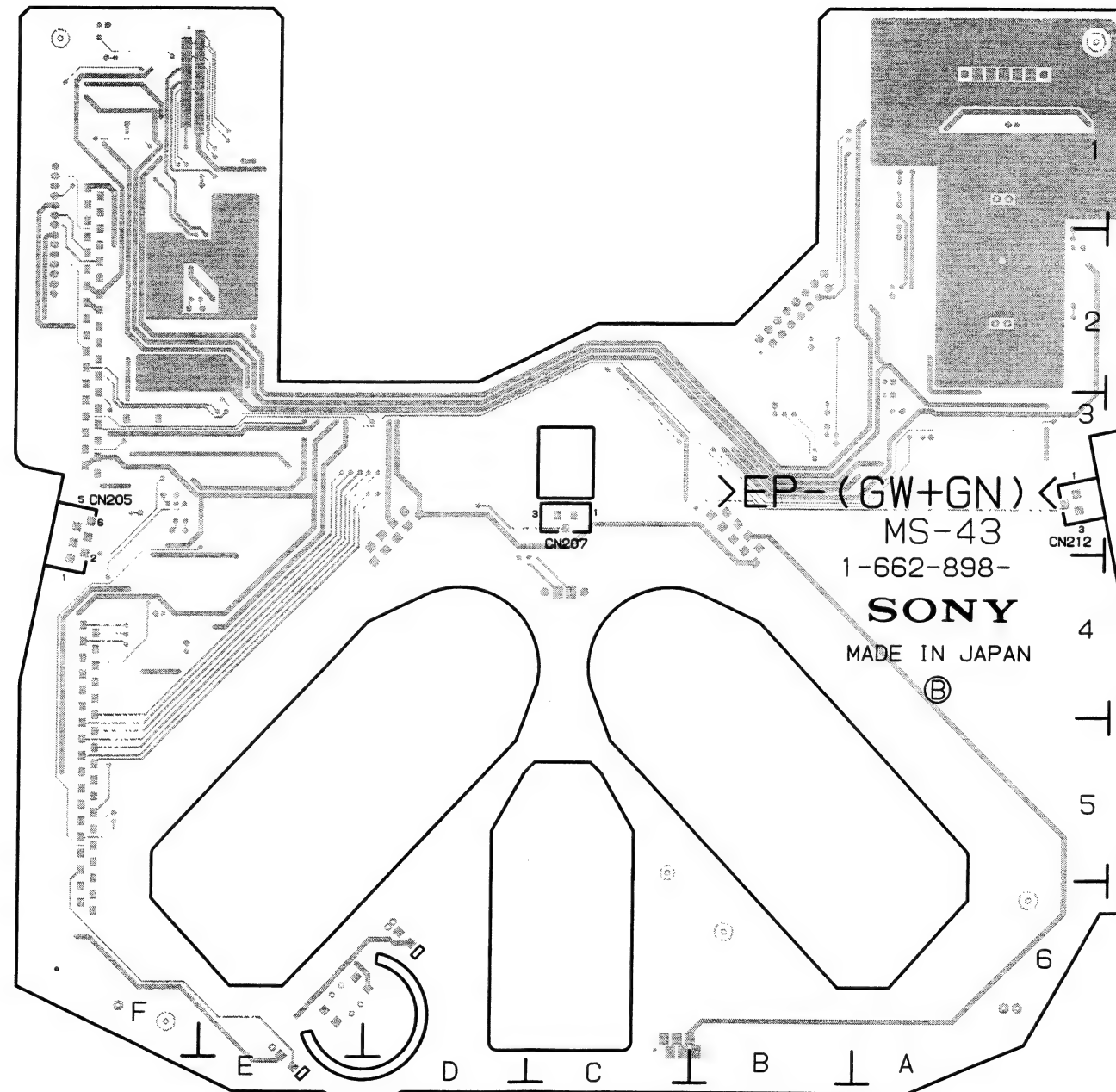
- |       |    |
|-------|----|
| IC1   | F4 |
| IC2   | F3 |
| IC101 | A2 |
| IC102 | A3 |
| IC103 | B2 |
| IC104 | B3 |
| IC201 | F1 |
| IC202 | F2 |

- |     |    |
|-----|----|
| Q1  | D6 |
| Q2  | E6 |
| TH1 | F4 |



MS-43 -A SIDE-  
SUFFIX : -12, 13, 14  
MODEL DSR-80/80P/60/60P

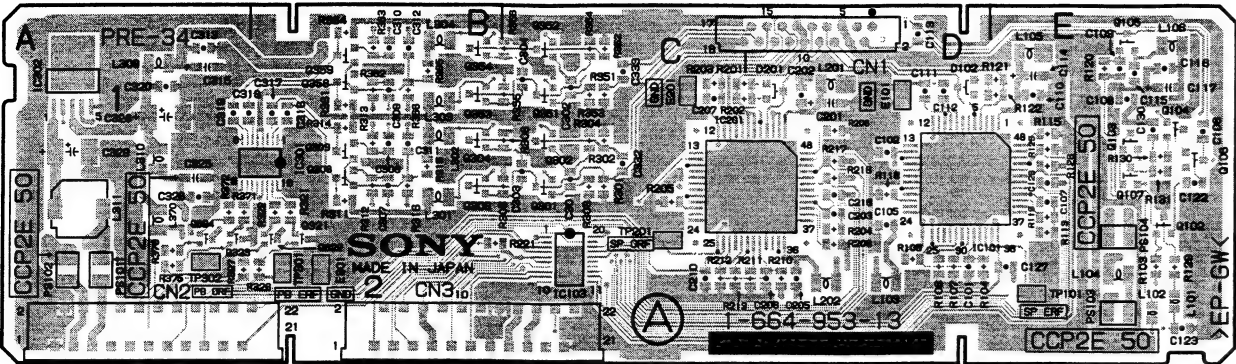




**MS-43 -B SIDE-**  
 SUFFIX : -12, 13, 14  
 MODEL DSR-80/80P/60/60P

PRE-34: REC/PB DIGITAL PROCESS

DSR-80/80P



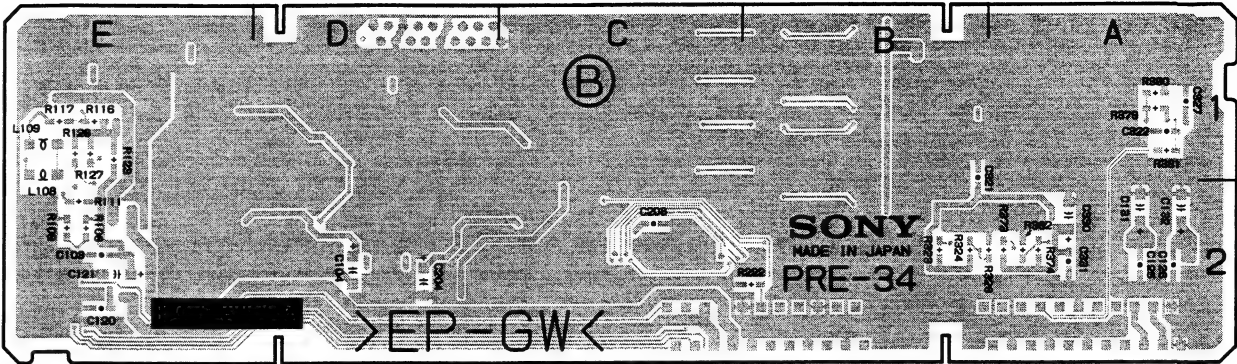
PRE-34 -A SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P

PRE-34 (1-664-953-13)

\*: B SIDE

|       |    |       |      |       |    |      |    |       |    |
|-------|----|-------|------|-------|----|------|----|-------|----|
| CN1   | D1 | IC302 | A1   | L304  | B1 | Q106 | E1 | Q354  | B1 |
| CN2   | A2 |       |      | L309  | A1 | Q107 | E1 | Q358  | B1 |
| CN3   | B2 | L101  | E2   | L310  | A1 | Q301 | C2 | Q359  | B1 |
|       |    | L102  | E2   | L311  | A2 | Q302 | C1 |       |    |
| D102  | D1 | L103  | D2   | L370  | A2 | Q303 | B2 | TP101 | E2 |
| D201  | D1 | L104  | E2   |       |    | Q304 | B1 | TP201 | C2 |
|       |    | L105  | E1   | PS101 | A2 | Q308 | B1 | TP301 | B2 |
| E101  | D1 | L106  | E1   | PS102 | A2 | Q309 | B1 | TP302 | A2 |
| E201  | C1 | L108  | * E1 | PS103 | E2 | Q321 | B2 |       |    |
| E301  | B2 | L109  | * E1 | PS104 | E2 | Q322 | B2 |       |    |
|       |    | L201  | D1   |       |    | Q323 | A2 |       |    |
| IC101 | D1 | L202  | D2   | Q102  | E2 | Q324 | A2 |       |    |
| IC103 | C2 | L301  | B2   | Q103  | E1 | Q351 | C1 |       |    |
| IC201 | D2 | L302  | B1   | Q104  | E1 | Q352 | C1 |       |    |
| IC301 | B1 | L303  | B1   | Q105  | E1 | Q353 | B1 |       |    |

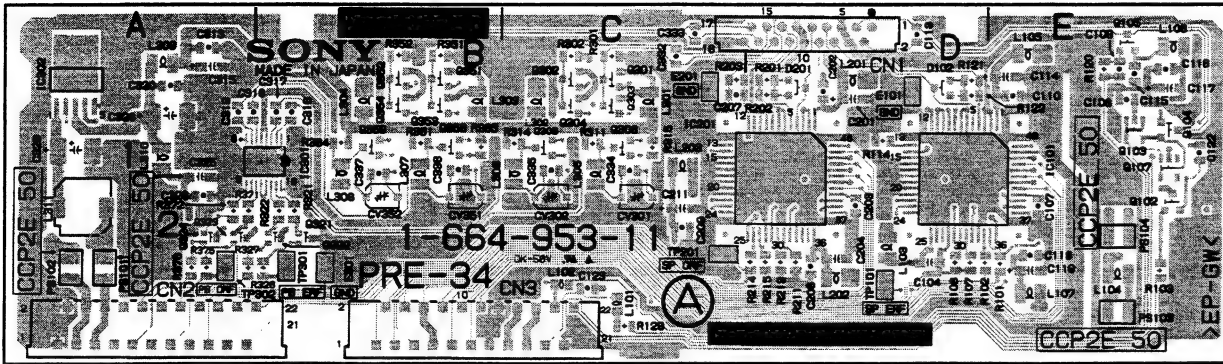
DSR-80/80P



PRE-34 -B SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P



**PRE-34: REC/PB DIGITAL PROCESS**

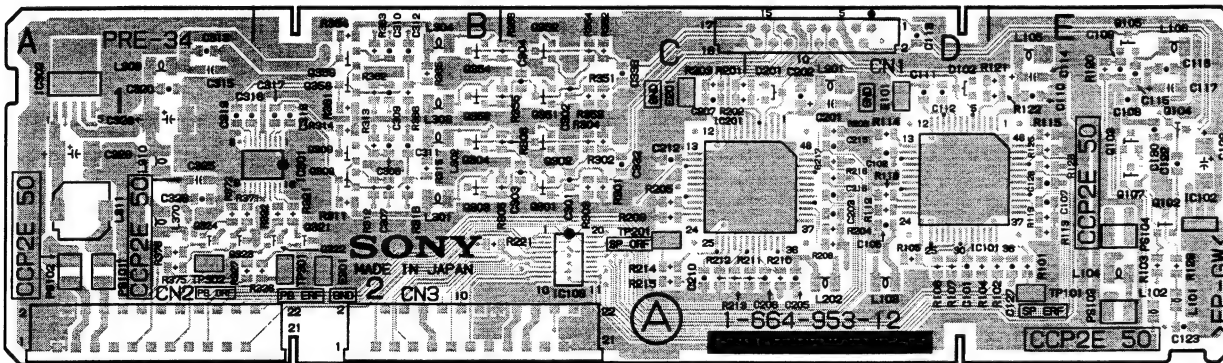
**DSR-80/80P**

**PRE-34 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P

PRE-34 (1-664-953-11)

\* : B SIDE

|       |    |       |    |       |    |      |      |       |      |
|-------|----|-------|----|-------|----|------|------|-------|------|
| CN1   | D1 | IC101 | D1 | L303  | B1 | Q102 | E2   | Q323  | A2   |
| CN2   | A2 | IC201 | D1 | L304  | B1 | Q103 | E1   | Q324  | A2   |
| CN3   | B2 | IC301 | B1 | L305  | C1 | Q104 | E1   | Q351  | B1   |
|       |    | IC302 | A1 | L306  | C1 | Q105 | E1   | Q352  | B1   |
| CV301 | C2 |       |    | L307  | B1 | Q107 | E1   | Q353  | B1   |
| CV302 | C2 | L101  | C2 | L308  | B1 | Q301 | C1   | Q354  | B1   |
| CV351 | B2 | L102  | C2 | L309  | A1 | Q302 | C1   | Q358  | B1   |
| CV352 | B2 | L103  | D2 | L310  | A1 | Q303 | C1   | Q359  | B1   |
|       |    | L104  | E2 | L311  | A2 | Q304 | C1   | Q360  | * B2 |
| D102  | D1 | L105  | E1 |       |    | Q308 | C1   | Q361  | * B2 |
| D201  | D1 | L106  | E1 | PS101 | A2 | Q309 | C1   |       |      |
|       |    | L201  | D1 | PS102 | A2 | Q310 | * C2 | TP101 | D2   |
| E101  | D1 | L202  | D2 | PS103 | E2 | Q311 | * C2 | TP201 | C2   |
| E201  | C1 | L301  | C1 | PS104 | E2 | Q321 | B2   | TP301 | B2   |
| E301  | B2 | L302  | C1 |       |    | Q322 | B2   | TP302 | A2   |

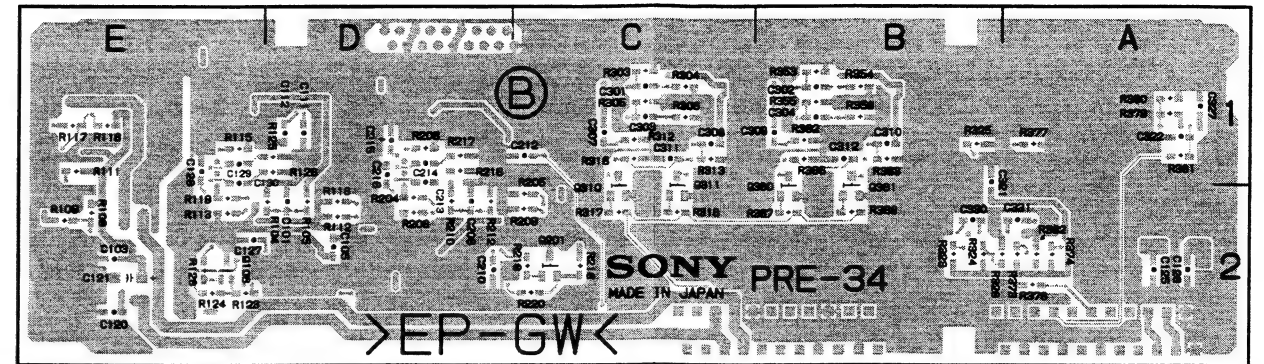


**PRE-34 -A SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P

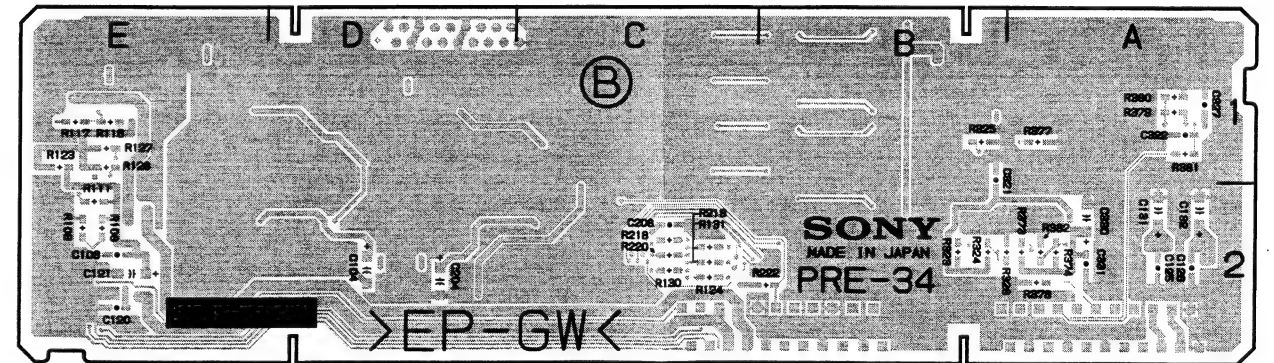
PRE-34 (1-664-953-12)

\* : B SIDE

|       |    |       |    |       |    |      |    |       |    |
|-------|----|-------|----|-------|----|------|----|-------|----|
| CN1   | D1 | IC302 | A1 | L310  | A1 | Q302 | C1 | TP101 | E2 |
| CN2   | A2 |       |    | L311  | A2 | Q303 | B2 | TP201 | C2 |
| CN3   | B2 | L101  | E2 | L370  | A2 | Q304 | B1 | TP301 | B2 |
|       |    | L102  | E2 |       |    | Q308 | B1 | TP302 | A2 |
| D102  | D1 | L103  | D2 | PS101 | A2 | Q309 | B1 |       |    |
| D201  | D1 | L104  | E2 | PS102 | A2 | Q321 | B2 |       |    |
|       |    | L105  | E1 | PS103 | E2 | Q322 | B2 |       |    |
| E101  | D1 | L106  | E1 | PS104 | E2 | Q323 | A2 |       |    |
| E201  | C1 | L201  | D1 |       |    | Q324 | A2 |       |    |
| E301  | B2 | L202  | D2 | Q102  | E2 | Q351 | C1 |       |    |
|       |    | L301  | B2 | Q103  | E1 | Q352 | C1 |       |    |
| IC101 | D1 | L302  | B1 | Q104  | E1 | Q353 | B1 |       |    |
| IC103 | C2 | L303  | B1 | Q105  | E1 | Q354 | B1 |       |    |
| IC201 | D2 | L304  | B1 | Q107  | E1 | Q358 | B1 |       |    |
| IC301 | B1 | L309  | A1 | Q301  | C2 | Q359 | B1 |       |    |

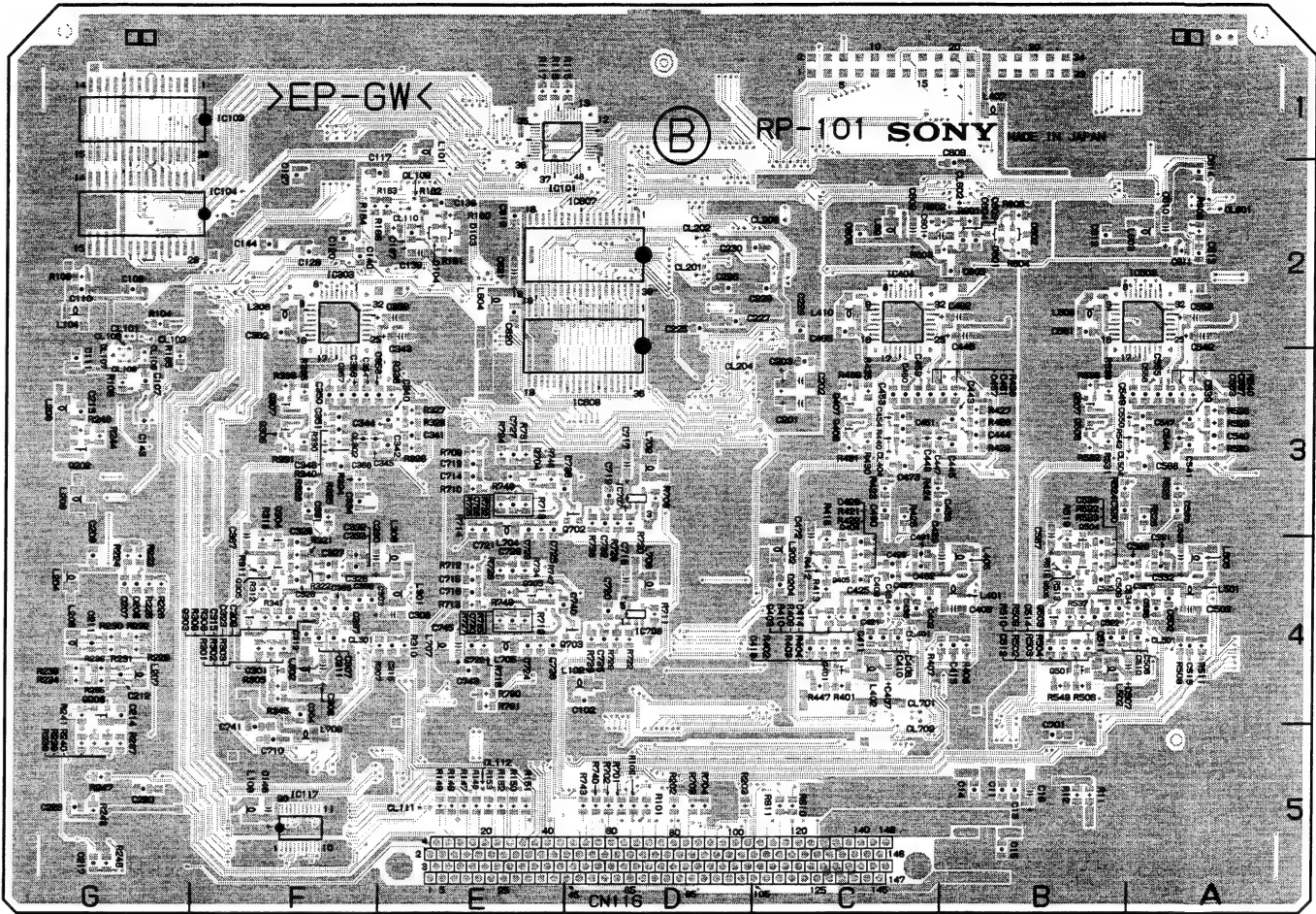
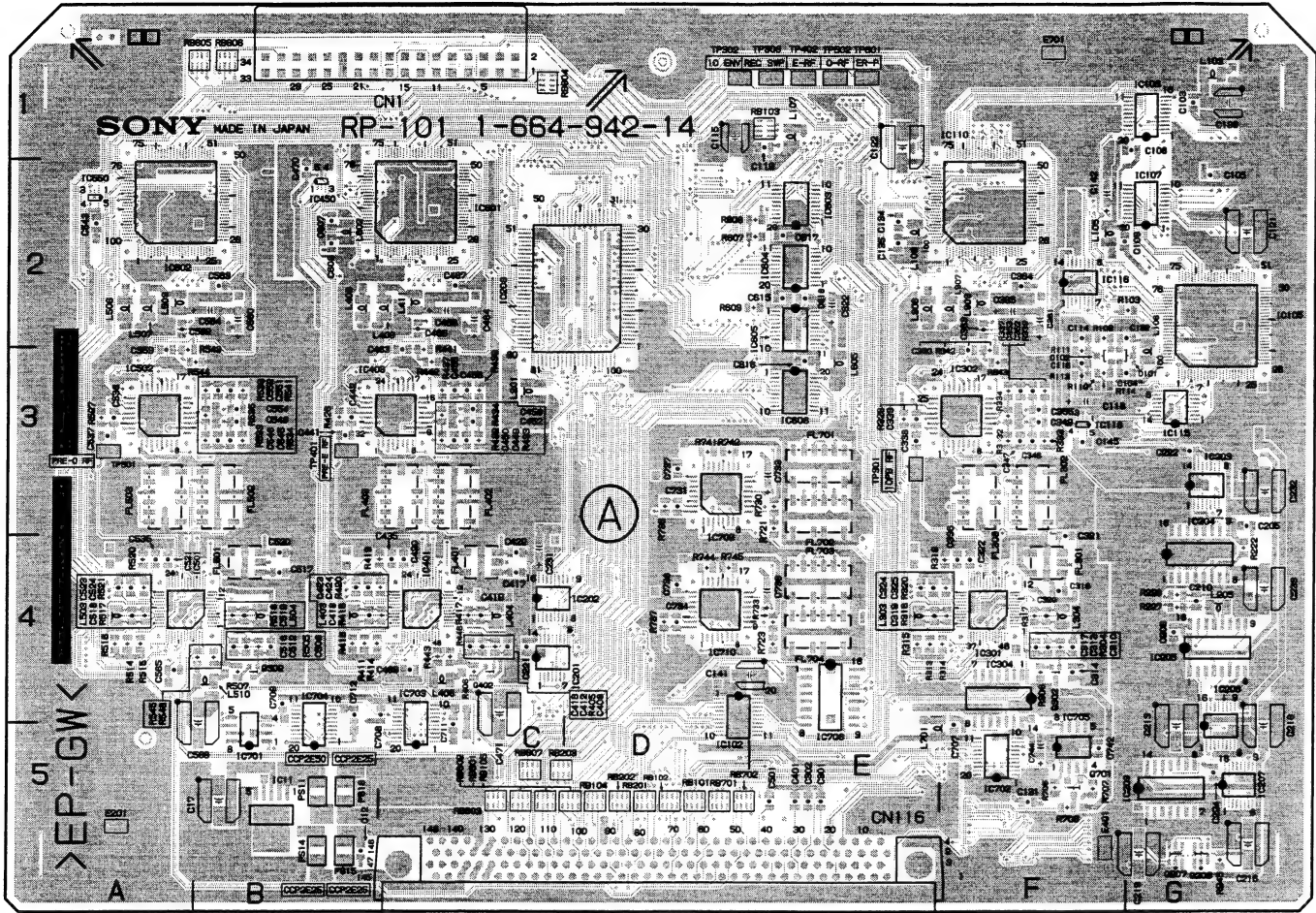


**PRE-34 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P



**PRE-34 -B SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P





RP-101 -A SIDE-  
SUFFIX : -14  
MODEL DSR-80/80P

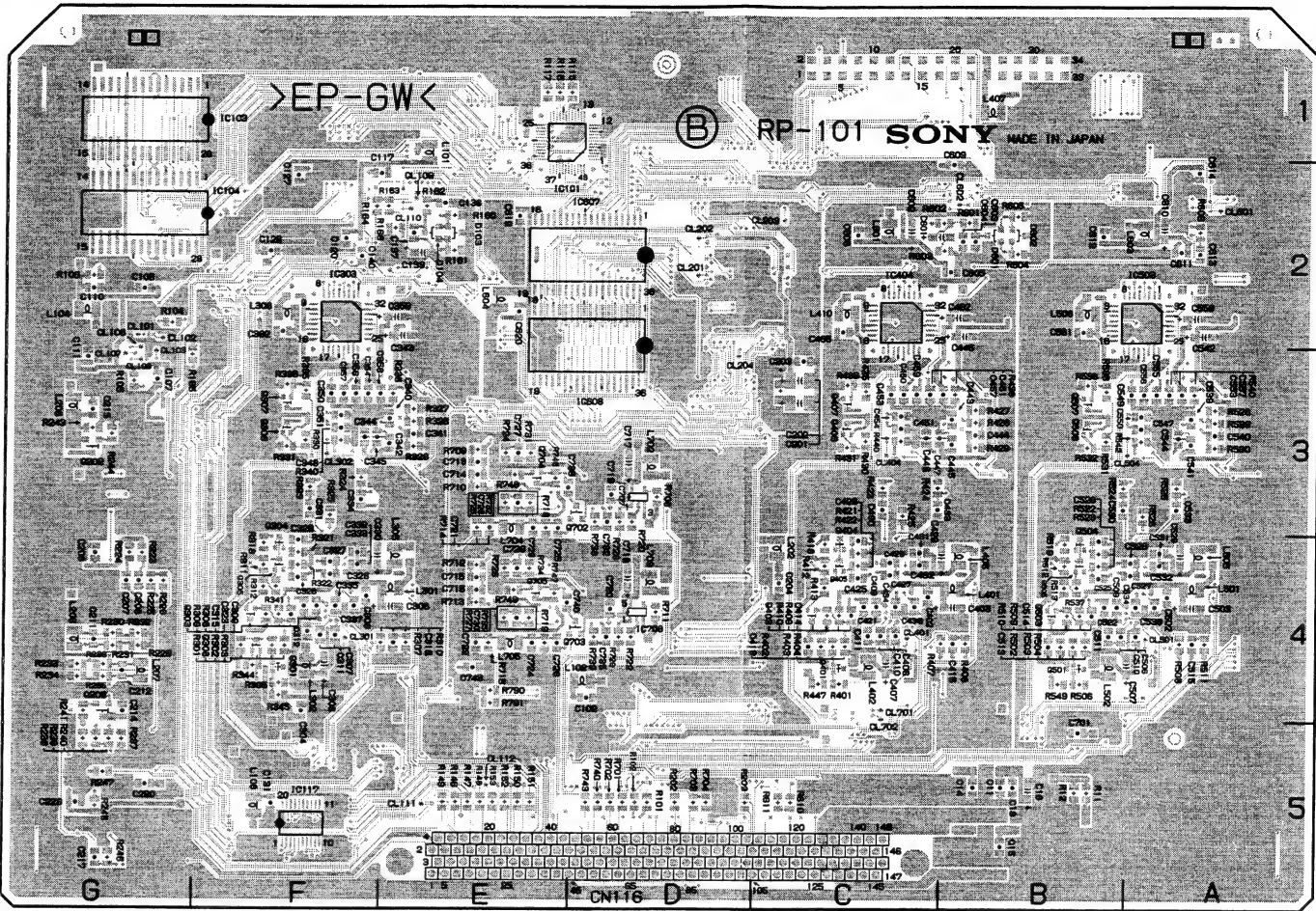
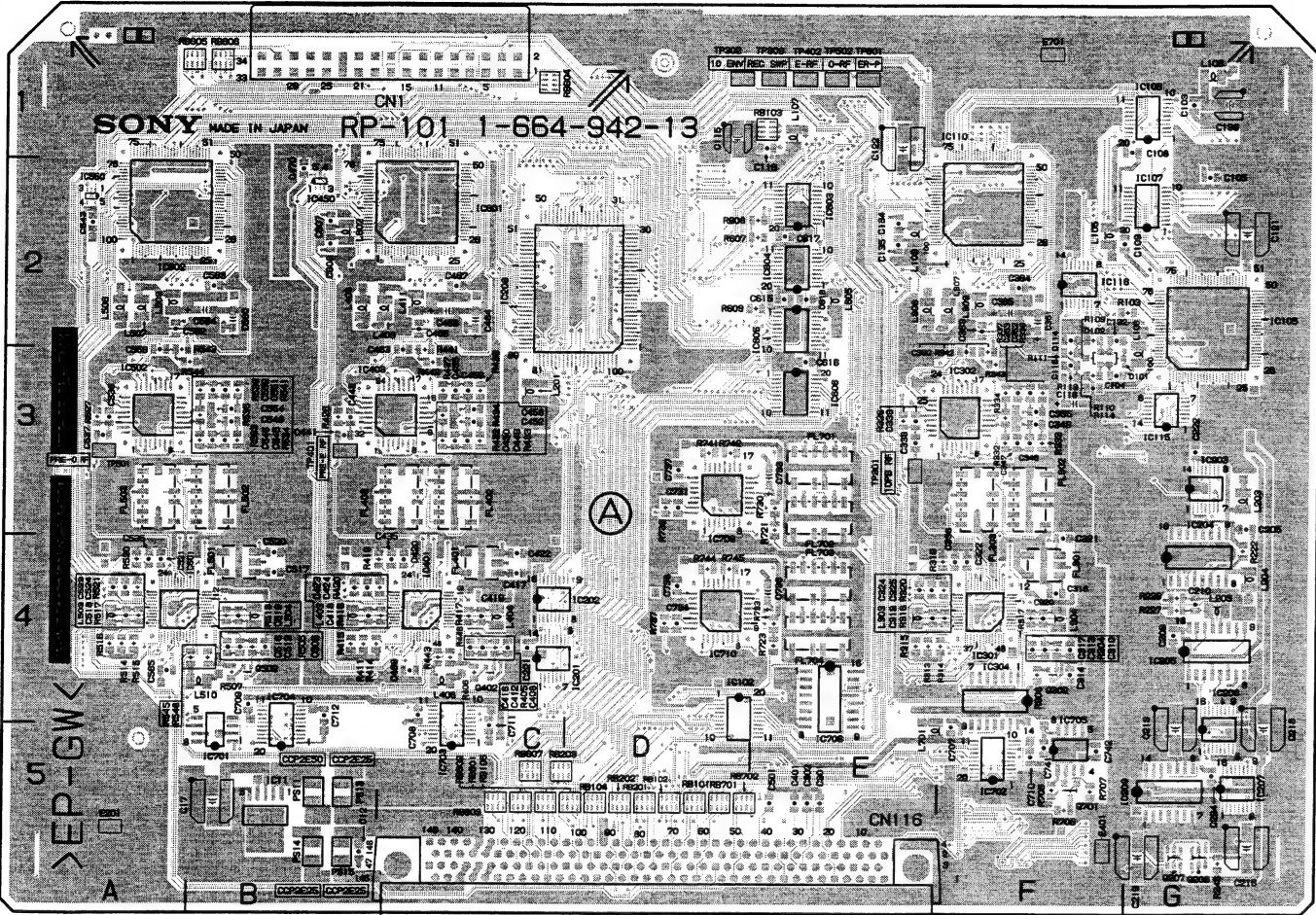
RP-101 -B SIDE-  
SUFFIX : -14  
MODEL DSR-80/80P

RP-101 (1-664-942-14)

\*: B SIDE

|       |      |       |      |       |      |      |      |      |      |       |      |       |    |
|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|----|
| CN1   | C1   | IC104 | * G2 | IC601 | C2   | L205 | G4   | L510 | B4   | Q403  | * C4 | RB606 | B1 |
| CN116 | E5   | IC105 | G2   | IC602 | A2   | L206 | * G4 | L601 | * C2 | Q404  | * C4 | RB607 | C5 |
|       |      | IC106 | G1   | IC603 | E2   | L207 | * G4 | L602 | B2   | Q405  | * C4 | RB701 | D5 |
| D101  | F3   | IC107 | G2   | IC604 | E2   | L208 | * G3 | L603 | * A2 | Q406  | * C3 | RB702 | D5 |
| D102  | F3   | IC110 | F2   | IC605 | E2   | L301 | * E4 | L604 | * E2 | Q407  | * C3 |       |    |
| D103  | * E2 | IC115 | G3   | IC606 | E3   | L302 | * F4 | L605 | E3   | Q501  | * B4 | TP301 | E3 |
| D104  | * E2 | IC116 | F2   | IC607 | * D2 | L303 | E4   | L701 | E5   | Q502  | B4   | TP302 | D1 |
| D601  | * B2 | IC117 | * F5 | IC608 | * D2 | L305 | * E4 | L702 | * D3 | Q503  | * B4 | TP303 | E1 |
| D602  | * B2 | IC118 | F3   | IC701 | B5   | L306 | E2   | L704 | * E3 | Q504  | * B4 | TP401 | B3 |
|       |      | IC201 | C4   | IC702 | F5   | L307 | F2   | L706 | * F5 | Q505  | * B4 | TP402 | E1 |
|       |      | IC202 | C4   | IC703 | C5   | L308 | * F2 | L707 | * E4 | Q506  | * B3 | TP501 | A3 |
| E201  | A5   | IC203 | G3   | IC704 | B5   | L309 | F2   |      |      | Q507  | * B3 | TP502 | E1 |
| E401  | F5   | IC204 | G4   | IC705 | F5   | L401 | * B4 | PS11 | B5   | Q701  | F5   | TP601 | E1 |
| E701  | F1   | IC205 | G4   | IC706 | B4   | L402 | * C4 | PS13 | B5   | Q702  | * D3 |       |    |
|       |      | IC206 | G5   | IC707 | * D3 | L403 | B4   | PS14 | B5   | Q703  | * D4 |       |    |
| FL301 | F4   | IC207 | G5   | IC709 | D3   | L405 | * B4 | PS15 | B5   | Q704  | * E3 |       |    |
| FL302 | F3   | IC208 | D2   |       |      | L406 | C4   |      |      |       |      |       |    |
| FL303 | F3   | IC209 | G5   | L101  | * E1 | L407 | * B1 | Q202 | * G3 | RB101 | D5   |       |    |
| FL401 | C4   | IC301 | F4   | L102  | * D4 | L408 | B2   | Q206 | G5   | RB102 | D5   |       |    |
| FL402 | C3   | IC302 | F3   | L103  | G1   | L409 | C2   | Q207 | G5   | RB103 | E1   |       |    |
| FL403 | C3   | IC303 | * F2 | L104  | * G2 | L410 | * C2 | Q208 | * G4 | RB104 | D5   |       |    |
| FL501 | B4   | IC304 | F4   | L105  | F2   | L411 | C2   | Q301 | * F4 | RB105 | D5   |       |    |
| FL502 | B3   | IC401 | C4   | L106  | G3   | L501 | * A4 | Q302 | F4   | RB201 | D5   |       |    |
| FL503 | A3   | IC403 | C3   | L107  | E1   | L502 | * B4 | Q303 | * F4 | RB202 | D5   |       |    |
| FL701 | E3   | IC404 | * C2 | L108  | * F5 | L503 | A4   | Q304 | * F4 | RB203 | C5   |       |    |
| FL702 | E3   | IC450 | B2   | L109  | E2   | L505 | * A4 | Q305 | * F4 | RB601 | C5   |       |    |
|       |      | IC501 | A4   | L201  | C3   | L506 | A2   | Q306 | * F3 | RB602 | C5   |       |    |
| IC11  | B5   | IC502 | A3   | L202  | * C4 | L507 | A2   | Q307 | * F3 | RB603 | C5   |       |    |
| IC101 | * E1 | IC503 | * A2 | L203  | * G3 | L508 | * B2 | Q401 | * C4 | RB604 | C1   |       |    |
| IC102 | D4   | IC550 | A2   | L204  | * G4 | L509 | A2   | Q402 | C4   | RB605 | A1   |       |    |





RP-101 -A SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P

RP-101 -B SIDE-  
SUFFIX : -13  
MODEL DSR-80/80P

RP-101 (1-664-942-13)

\*: B SIDE

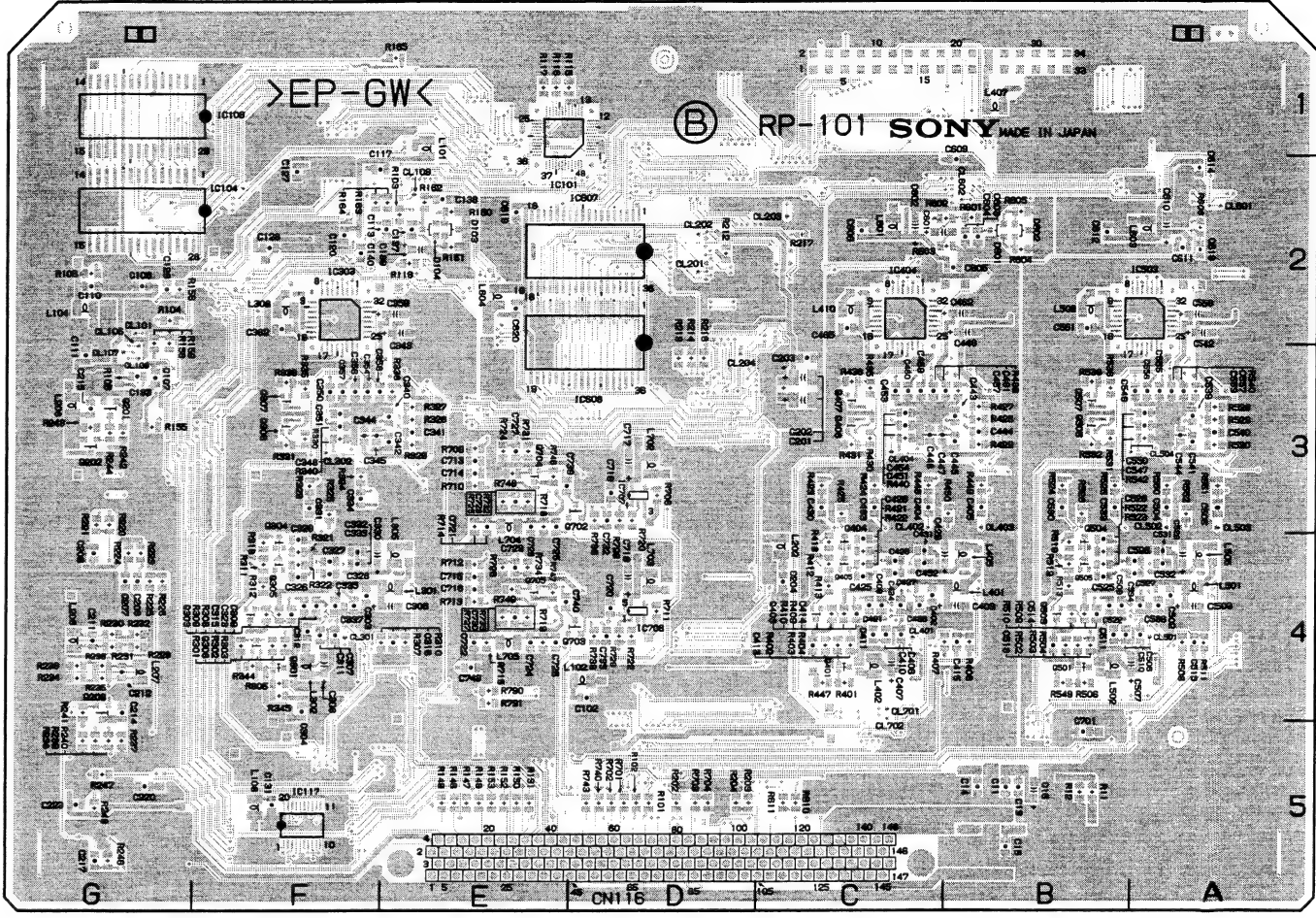
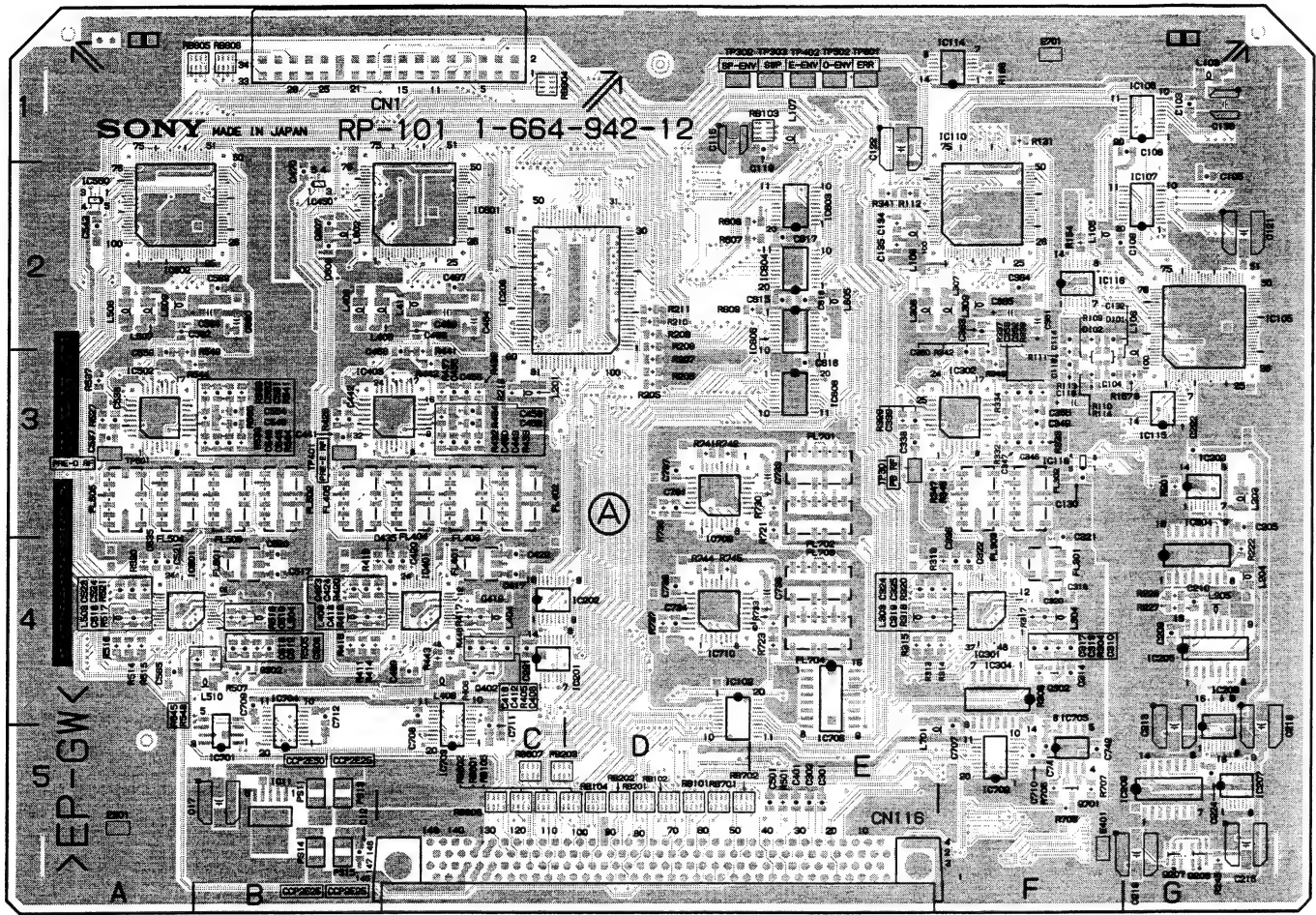
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|-------|-----|-------|-----|-------|-----|------|-----|------|-----|-------|-----|-------|----|
| CN1   | C1  | IC104 | *G2 | IC601 | C2  | L205 | G4  | L510 | B4  | Q403  | *C4 | RB606 | B1 |
| CN116 | E5  | IC105 | G2  | IC602 | A2  | L206 | *G4 | L601 | *C2 | Q404  | *C4 | RB607 | C5 |
|       |     | IC106 | G1  | IC603 | E2  | L207 | *G4 | L602 | B2  | Q405  | *C4 | RB701 | D5 |
| D101  | F3  | IC107 | G2  | IC604 | E2  | L208 | *G3 | L603 | *A2 | Q406  | *C3 | RB702 | D5 |
| D102  | F3  | IC110 | F2  | IC605 | E2  | L301 | *E4 | L604 | *E2 | Q407  | *C3 |       |    |
| D103  | *E2 | IC115 | G3  | IC606 | E3  | L302 | *F4 | L605 | E3  | Q501  | *B4 | TP301 | E3 |
| D104  | *E2 | IC116 | F2  | IC607 | *D2 | L303 | E4  | L701 | E5  | Q502  | *B4 | TP302 | D1 |
| D601  | *B2 | IC117 | *F5 | IC608 | *D2 | L305 | *E4 | L702 | *D3 | Q503  | *B4 | TP303 | E1 |
| D602  | *B2 | IC118 | F3  | IC701 | B5  | L306 | E2  | L704 | *E3 | Q504  | *B4 | TP401 | B3 |
|       |     | IC201 | C4  | IC702 | F5  | L307 | F2  | L706 | *F5 | Q505  | *B4 | TP402 | E1 |
| E201  | A5  | IC202 | C4  | IC703 | C5  | L308 | *F2 | L707 | *E4 | Q506  | *B3 | TP501 | A3 |
| E401  | F5  | IC203 | G3  | IC704 | B5  | L309 | F2  |      |     | Q507  | *B3 | TP502 | E1 |
| E701  | F1  | IC204 | G4  | IC705 | F5  | L401 | *B4 | PS11 | B5  | Q701  | F5  | TP601 | E1 |
|       |     | IC205 | G4  | IC706 | E4  | L402 | *C4 | PS13 | B5  | Q702  | *D3 |       |    |
| FL301 | F4  | IC206 | G5  | IC707 | *D3 | L403 | B4  | PS14 | B5  | Q703  | *D4 |       |    |
| FL302 | F3  | IC207 | G5  | IC709 | D3  | L405 | *B4 | PS15 | B5  | Q704  | *E3 |       |    |
| FL303 | F3  | IC208 | D2  |       |     | L406 | C4  |      |     |       |     |       |    |
| FL401 | C4  | IC209 | G5  | L101  | *E1 | L407 | *B1 | Q202 | *G3 | RB101 | D5  |       |    |
| FL402 | C3  | IC301 | F4  | L102  | *D4 | L408 | B2  | Q206 | G5  | RB102 | D5  |       |    |
| FL403 | C3  | IC302 | F3  | L103  | G1  | L409 | C2  | Q207 | G5  | RB103 | E1  |       |    |
| FL501 | B4  | IC303 | *F2 | L104  | *G2 | L410 | *C2 | Q208 | *G4 | RB104 | D5  |       |    |
| FL502 | B3  | IC304 | F4  | L105  | F2  | L411 | C2  | Q301 | *F4 | RB105 | D5  |       |    |
| FL503 | A3  | IC401 | C4  | L106  | G3  | L501 | *A4 | Q302 | F4  | RB201 | D5  |       |    |
| FL701 | E3  | IC403 | C3  | L107  | E1  | L502 | *B4 | Q303 | *F4 | RB202 | D5  |       |    |
| FL702 | E3  | IC404 | *C2 | L108  | *F5 | L503 | A4  | Q304 | *F4 | RB203 | C5  |       |    |
|       |     | IC450 | B2  | L109  | E2  | L505 | *A4 | Q305 | *F4 | RB601 | C5  |       |    |
|       |     | IC501 | A4  | L201  | C3  | L506 | A2  | Q306 | *F3 | RB602 | C5  |       |    |
| IC11  | B5  | IC502 | A3  | L202  | *C4 | L507 | A2  | Q307 | *F3 | RB603 | C5  |       |    |
| IC101 | *E1 | IC503 | *A2 | L203  | *G3 | L508 | *B2 | Q401 | *C4 | RB604 | C1  |       |    |
| IC102 | D4  | IC550 | A2  | L204  | *G4 | L509 | A2  | Q402 | C4  | RB605 | A1  |       |    |
| IC103 | *G1 |       |     |       |     |      |     |      |     |       |     |       |    |

DSR-80/80P

12-25 (b)

12-25 (b)





RP-101 -A SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P

RP-101 -B SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P

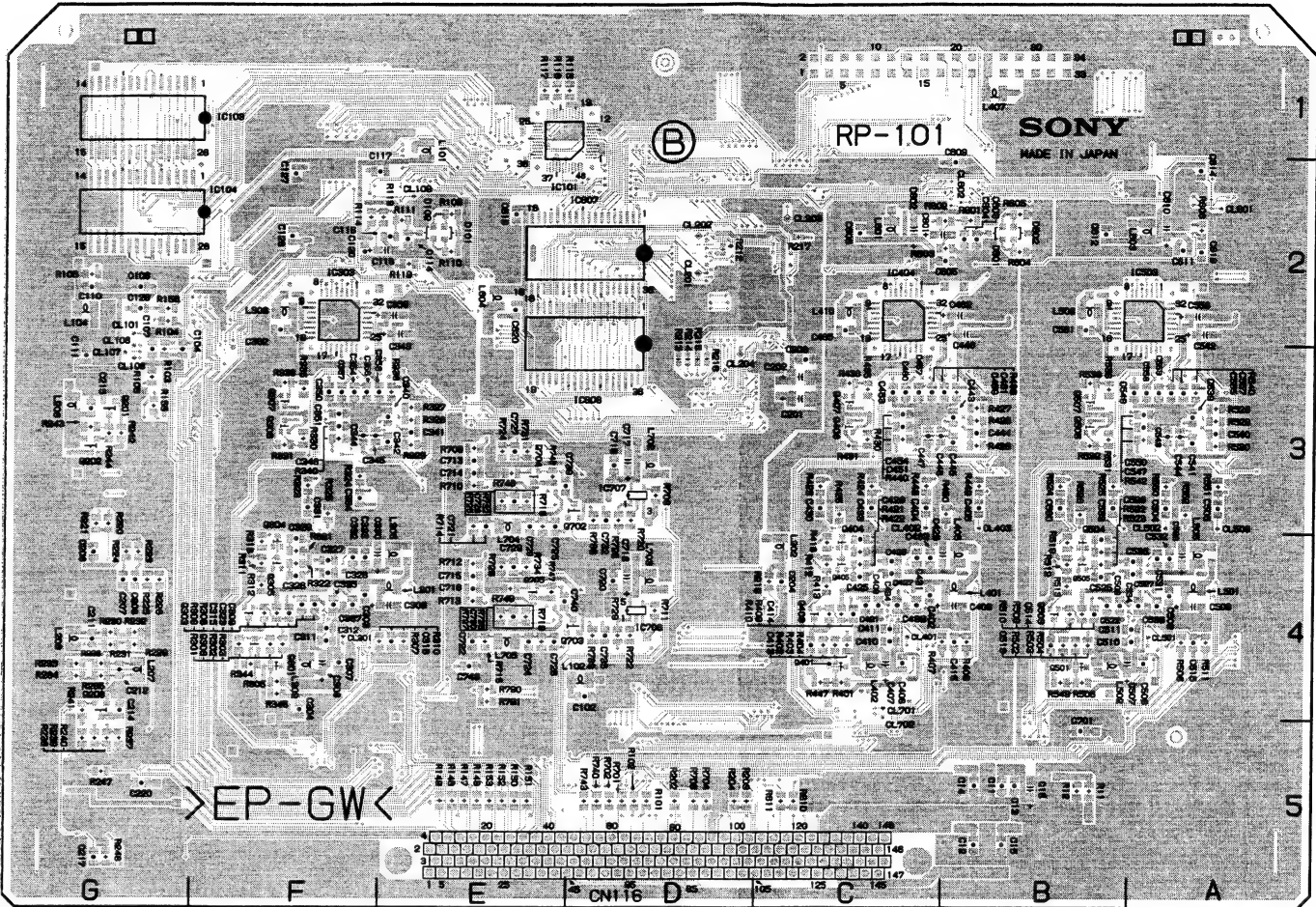
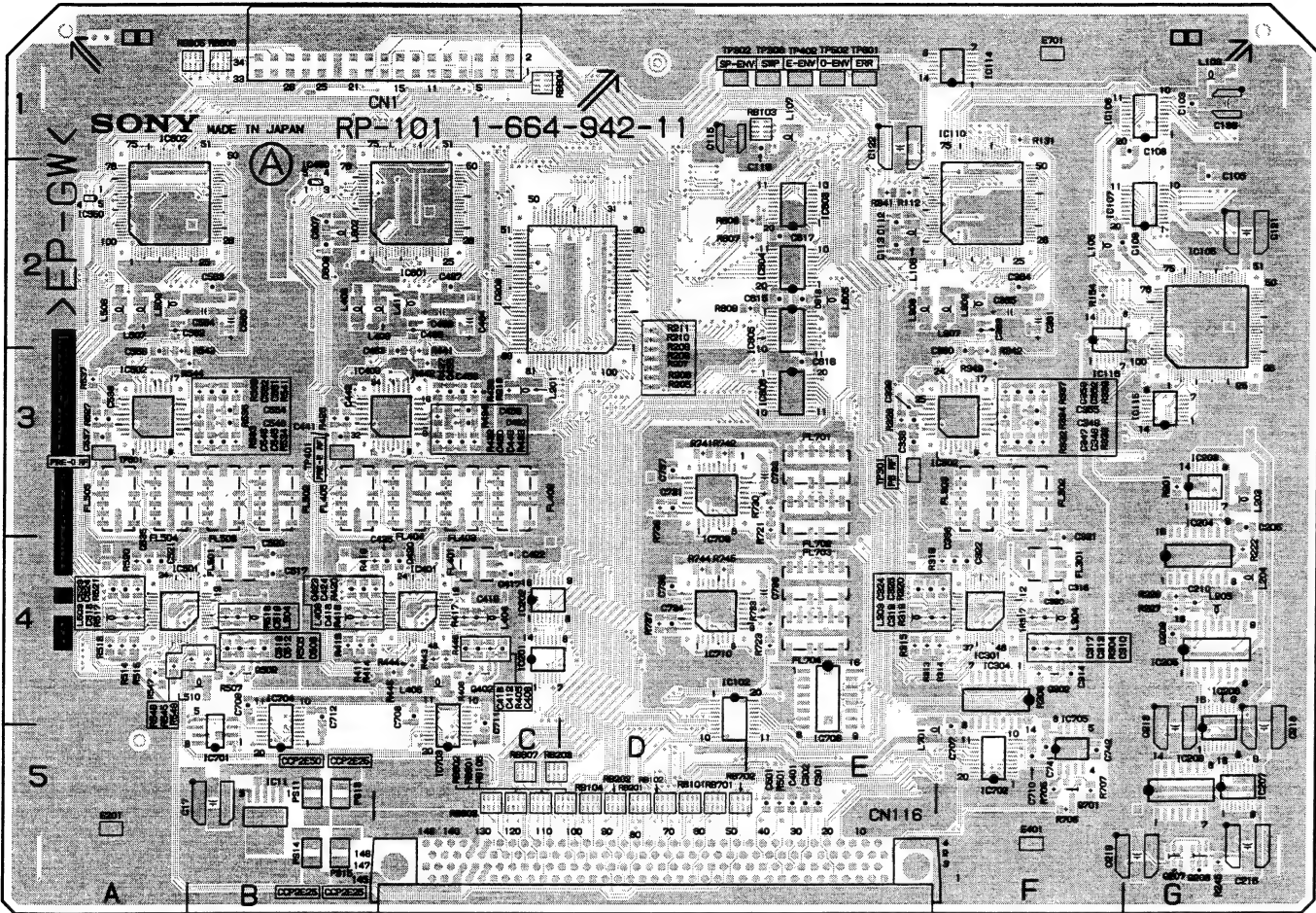
RP-101 (1-664-942-12)

\*: B SIDE

|       |      |       |      |       |      |      |      |      |      |       |      |       |    |
|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|----|
| CN1   | C1   | IC104 | * G2 | IC601 | C2   | L205 | G4   | L510 | B4   | Q403  | * C4 | RB606 | B1 |
| CN116 | E5   | IC105 | G2   | IC602 | A2   | L206 | * G4 | L601 | * C2 | Q404  | * C4 | RB607 | C5 |
|       |      | IC106 | G1   | IC603 | E2   | L207 | * G4 | L602 | B2   | Q405  | * C4 | RB701 | D5 |
| D101  | F3   | IC107 | G2   | IC604 | E2   | L208 | * G3 | L603 | * A2 | Q406  | * C3 | RB702 | D5 |
| D102  | F3   | IC110 | F2   | IC605 | E2   | L301 | * E4 | L604 | * E2 | Q407  | * C3 |       |    |
| D103  | * E2 | IC115 | G3   | IC606 | E3   | L302 | * F4 | L605 | E3   | Q501  | * B4 | TP301 | E3 |
| D104  | * E2 | IC116 | F2   | IC607 | * D2 | L303 | E4   | L701 | E5   | Q502  | * B4 | TP302 | D1 |
| D601  | * B2 | IC117 | * F5 | IC608 | * D2 | L305 | * E4 | L702 | * D3 | Q503  | * B4 | TP303 | E1 |
| D602  | * B2 | IC118 | F3   | IC701 | B5   | L306 | E2   | L704 | * E3 | Q504  | * B4 | TP401 | B3 |
|       |      | IC201 | C4   | IC702 | F5   | L307 | F2   | L706 | * F5 | Q505  | * B4 | TP402 | E1 |
|       |      | IC202 | C4   | IC703 | C5   | L308 | * F2 | L707 | * E4 | Q506  | * B3 | TP501 | A3 |
| E201  | A5   | IC203 | G3   | IC704 | B5   | L309 | F2   |      |      | Q507  | * B3 | TP502 | E1 |
| E401  | F5   | IC204 | G4   | IC705 | F5   | L401 | * B4 | PS11 | B5   | Q701  | F5   | TP601 | E1 |
| E701  | F1   | IC205 | G4   | IC706 | E4   | L402 | * C4 | PS13 | B5   | Q702  | * D3 |       |    |
|       |      | IC206 | G5   | IC707 | * D3 | L403 | B4   | PS14 | B5   | Q703  | * D4 |       |    |
| FL301 | F4   | IC207 | G5   | IC709 | D3   | L405 | * B4 | PS15 | B5   | Q704  | * E3 |       |    |
| FL302 | F3   | IC208 | D2   |       |      | L406 | C4   |      |      |       |      |       |    |
| FL303 | F3   | IC209 | G5   |       |      | L407 | * B1 | Q202 | * G3 | RB101 | D5   |       |    |
| FL401 | C4   | IC301 | F4   |       |      | L408 | B2   | Q206 | G5   | RB102 | D5   |       |    |
| FL402 | C3   | IC302 | F3   |       |      | L409 | C2   | Q207 | G5   | RB103 | E1   |       |    |
| FL403 | C3   | IC303 | * F2 |       |      | L410 | * C2 | Q208 | * G4 | RB104 | D5   |       |    |
| FL501 | B4   | IC304 | F4   |       |      | L411 | C2   | Q301 | * F4 | RB105 | D5   |       |    |
| FL502 | B3   | IC401 | C4   |       |      | L501 | * A4 | Q302 | F4   | RB201 | D5   |       |    |
| FL503 | A3   | IC403 | C3   |       |      | L502 | * B4 | Q303 | * F4 | RB202 | D5   |       |    |
| FL701 | E3   | IC404 | * C2 |       |      | L503 | A4   | Q304 | * F4 | RB203 | C5   |       |    |
| FL702 | E3   | IC450 | B2   |       |      | L505 | * A4 | Q305 | * F4 | RB601 | C5   |       |    |
|       |      | IC501 | A4   |       |      | L506 | A2   | Q306 | * F3 | RB602 | C5   |       |    |
| IC11  | B5   | IC502 | A3   |       |      | L201 | C3   | Q307 | * F3 | RB603 | C5   |       |    |
| IC101 | * E1 | IC503 | * A2 |       |      | L202 | * C4 | Q401 | * C4 | RB604 | C1   |       |    |
| IC102 | D4   | IC550 | A2   |       |      | L203 | * G3 | Q402 | C4   | RB605 | A1   |       |    |
| IC103 | * G1 |       |      |       |      | L204 | * G4 |      |      |       |      |       |    |



RP-101: REC/PB HEAD AMP, RF A/D



RP-101 -A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P

RP-101 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P

RP-101 (1-664-942-11)

\*: B SIDE

|       |      |       |      |       |      |      |      |      |      |      |      |       |    |
|-------|------|-------|------|-------|------|------|------|------|------|------|------|-------|----|
| CN1   | C1   | IC104 | * G2 | IC602 | A2   | L206 | * G4 | L601 | * C2 | Q402 | C4   | RB604 | C1 |
| CN116 | E5   | IC105 | G2   | IC603 | E2   | L207 | * G4 | L602 | B2   | Q403 | * C4 | RB605 | A1 |
|       |      | IC106 | G1   | IC604 | E2   | L208 | * G3 | L603 | * A2 | Q404 | * C4 | RB606 | B1 |
| D101  | * E2 | IC107 | G2   | IC605 | E2   | L301 | * E4 | L604 | * E2 | Q405 | * C4 | RB607 | C5 |
| D102  | * E2 | IC110 | F2   | IC606 | E3   | L302 | * F4 | L605 | E2   | Q406 | * C3 | RB701 | D5 |
| D601  | * B2 | IC114 | F1   | IC607 | * D2 | L303 | E4   | L701 | E5   | Q407 | * C3 | RB702 | D5 |
| D602  | * B2 | IC115 | G3   | IC608 | * D2 | L305 | * E4 | L702 | * D3 | Q501 | * B4 |       |    |
|       |      | IC116 | F2   | IC701 | B5   | L306 | E2   | L703 | * D4 | Q502 | B4   | TP301 | E3 |
| E201  | A5   | IC201 | C4   | IC702 | F5   | L307 | F2   | L704 | * E3 | Q503 | * B4 | TP302 | D1 |
| E401  | F5   | IC202 | C4   | IC703 | C5   | L308 | * F2 | L705 | * E4 | Q504 | * B4 | TP303 | E1 |
| E701  | F1   | IC203 | G3   | IC704 | B5   | L309 | F2   |      |      | Q505 | * B4 | TP401 | B3 |
|       |      | IC204 | G4   | IC705 | F5   | L401 | * B4 | PS11 | B5   | Q506 | * B3 | TP402 | E1 |
| FL301 | F4   | IC205 | G4   | IC706 | E4   | L402 | * C4 | PS13 | B5   | Q507 | * B3 | TP501 | A3 |
| FL302 | F3   | IC206 | G5   | IC707 | * D3 | L403 | B4   | PS14 | B5   | Q701 | F5   | TP502 | E1 |
| FL303 | F3   | IC207 | G5   | IC708 | * D4 | L405 | * B4 | PS15 | B5   | Q702 | * D3 | TP601 | E1 |
| FL401 | C4   | IC208 | D2   | IC709 | D3   | L406 | C4   |      |      | Q703 | * D4 |       |    |
| FL402 | C3   | IC209 | G5   | IC710 | D4   | L407 | * B1 | Q201 | * G3 | Q704 | * E3 |       |    |
| FL403 | C3   | IC301 | F4   |       |      | L408 | B2   | Q202 | * G3 | Q705 | * E4 |       |    |
| FL501 | B4   | IC302 | F3   | L101  | * E1 | L409 | C2   | Q206 | G5   |      |      | RB101 | D5 |
| FL502 | B3   | IC303 | * F2 | L102  | * D4 | L410 | * C2 | Q207 | G5   |      |      | RB102 | D5 |
| FL503 | B3   | IC304 | F4   | L103  | G1   | L411 | C2   | Q208 | * G4 |      |      | RB103 | E1 |
| FL701 | E3   | IC401 | C4   | L104  | * G2 | L501 | * A4 | Q301 | * F4 |      |      | RB104 | D5 |
| FL702 | E3   | IC403 | C3   | L105  | F2   | L502 | * B4 | Q302 | F4   |      |      | RB105 | D5 |
| FL703 | E4   | IC404 | * C2 | L106  | E2   | L503 | A4   | Q303 | * F4 |      |      | RB201 | D5 |
| FL704 | E4   | IC450 | B2   | L107  | E1   | L505 | * A4 | Q304 | * F4 |      |      | RB202 | D5 |
|       |      | IC501 | A4   | L201  | C3   | L506 | A2   | Q305 | * F4 |      |      | RB203 | C5 |
|       |      | IC502 | A3   | L202  | * C4 | L507 | A2   | Q306 | * F3 |      |      | RB601 | C5 |
| IC11  | B5   | IC503 | * A2 | L203  | G3   | L508 | * B2 | Q307 | * F3 |      |      | RB602 | C5 |
| IC101 | * E1 | IC550 | A2   | L204  | G4   | L509 | A2   | Q308 | * F4 |      |      | RB603 | C5 |
| IC102 | D4   | IC601 | C2   | L205  | G4   | L510 | B4   | Q401 | * C4 |      |      |       |    |
| IC103 | * G1 |       |      |       |      |      |      |      |      |      |      |       |    |

DSR-80/80P

**PRE-39: PB DIGITAL PROCESS**  
**PTC-84: TH/UNTH END SENSOR**

PRE-39 (1-664-949-11)

\* : B SIDE

|       |    |
|-------|----|
| CN201 | A2 |
| CN202 | D1 |

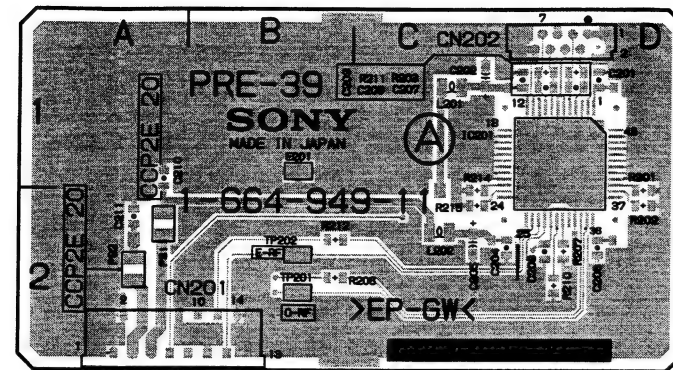
E201      B1

IC201      D1

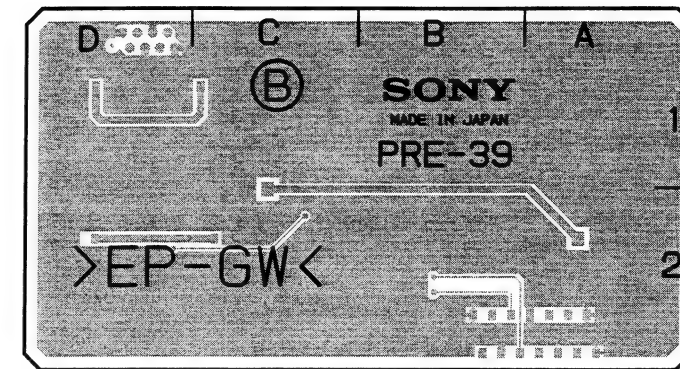
|      |    |
|------|----|
| L201 | C1 |
| L202 | C2 |

|     |    |
|-----|----|
| PS1 | A2 |
| PS2 | A2 |

TP201 B2  
TP202 B2



**PRE-39 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-60/60P



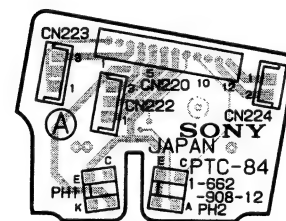
**PRE-39 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-60/60P

PTC-84 (1-662-908-12)

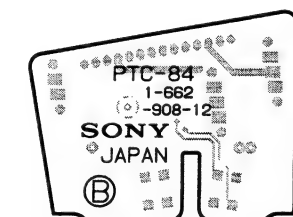
\* : B SIDE

|       |    |
|-------|----|
| CN220 | A1 |
| CN222 | A1 |
| CN223 | A1 |
| CN224 | A1 |

|     |    |
|-----|----|
| PH1 | A1 |
| PH2 | A1 |



**PTC-84 -A SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P



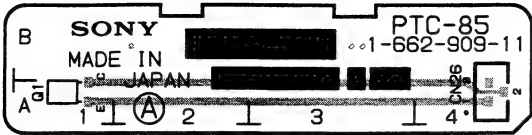
**PTC-84 -B SIDE-**  
SUFFIX : -12  
MODEL DSR-80/80P/60/60P



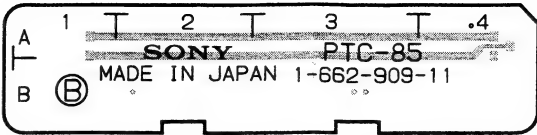
PTC-85: TAPE TOP SENSOR  
PTC-86: TAPE END SENSOR  
PTC-87: TAPE TOP/END LED

PTC-85 (1-662-909-11)

\*: B SIDE  
CN26      A4  
Q1        A1



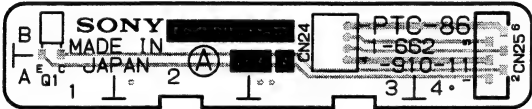
PTC-85 -A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



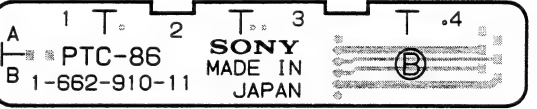
PTC-85 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

PTC-86 (1-662-910-11)

\*: B SIDE  
CN24      B3  
CN25      A4  
Q1        B1



PTC-86 -A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



PTC-86 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

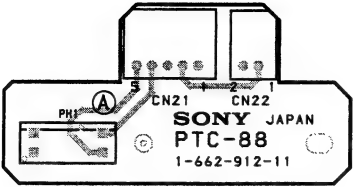


PTC-87 -A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

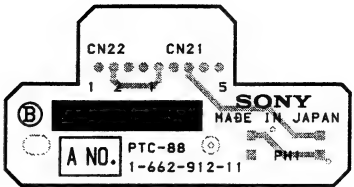


PTC-87 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

PTC-88: THREAD FG SENSOR  
RM-159: S REEL CONNECTION  
RM-160: T REEL CONNECTION



**PTC-88 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

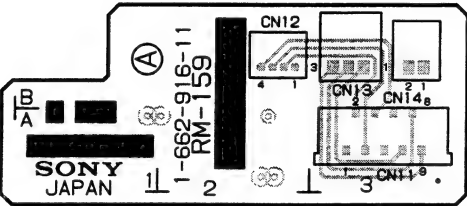


**PTC-88 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

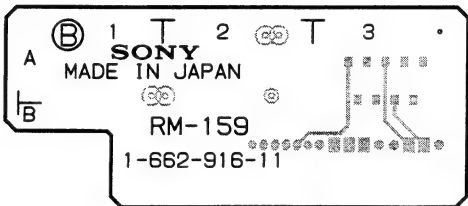
RM-159 (1-662-916-11)

\*: B SIDE

|      |    |
|------|----|
| CN11 | A3 |
| CN12 | B2 |
| CN13 | B3 |
| CN14 | B3 |



**RM-159 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

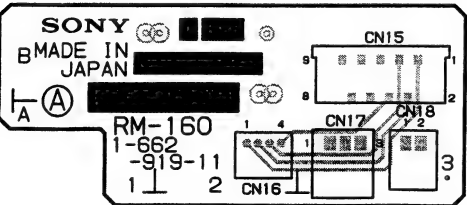


**RM-159 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

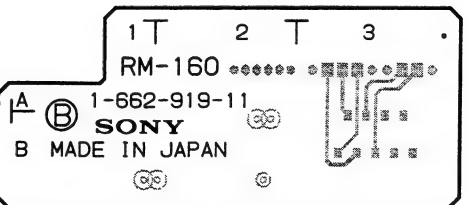
RM-160 (1-662-919-11)

\*: B SIDE

|      |    |
|------|----|
| CN15 | B3 |
| CN16 | A2 |
| CN17 | A3 |
| CN18 | A3 |



**RM-160 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



**RM-160 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



RP-103: HEAD AMP

RP-103 (1-664-938-11)

\*: B SIDE

CN101 C1  
CN116 D7

D201 B6  
D202 \*B6

E101 B4  
E102 D1

FL101 D5  
FL102 C5  
FL103 C5  
FL201 C1  
FL202 C1

IC102 C6  
IC103 C4  
IC201 C3  
IC202 B2  
IC203 B3  
IC204 C2  
IC205 A4  
IC206 B5  
IC207 B6  
IC208 A6  
IC209 D6

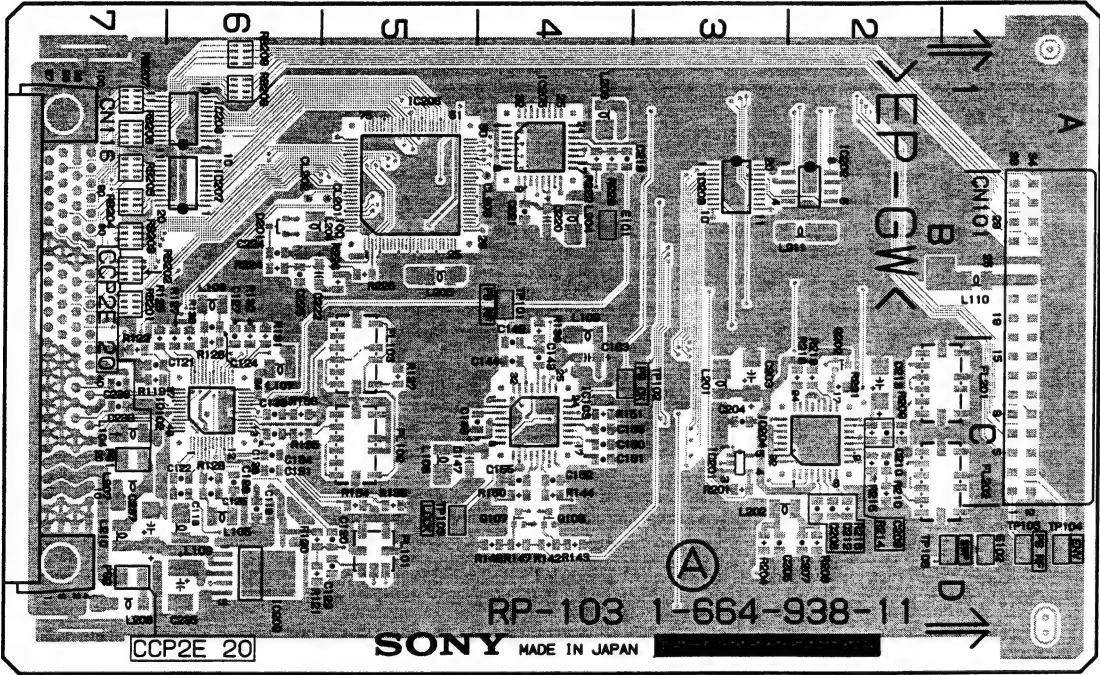
L103 D6  
L104 C7  
L106 B6  
L107 C6  
L108 C5  
L109 B4  
L110 B1  
L201 C3  
L202 D2  
L203 A4  
L204 B4  
L205 B5  
L206 B6  
L207 C7  
L208 D7  
L210 D7  
L211 B2

PS1 C7  
PS2 D7

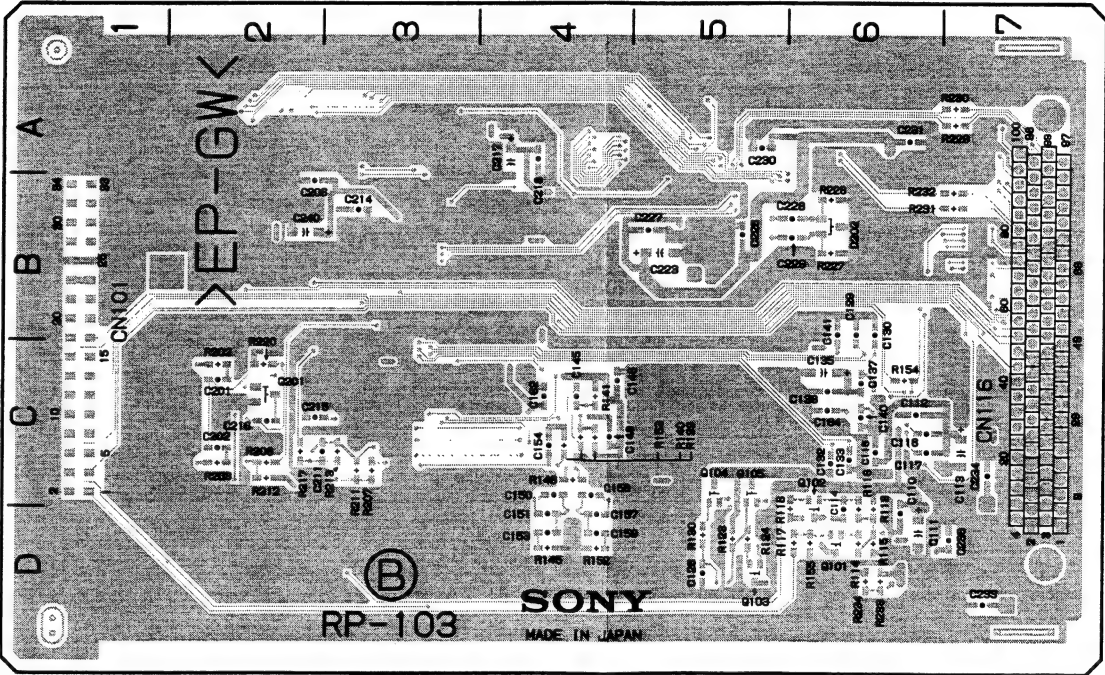
Q101 \*D6  
Q102 \*D6  
Q103 \*D5  
Q104 \*C5  
Q105 \*C5  
Q106 D4  
Q107 D4  
Q201 \*C2  
Q202 C2

RB201 B7  
RB202 B7  
RB203 B7  
RB204 B7  
RB205 A7  
RB206 A7  
RB207 A7  
RB208 A6  
RB209 A6

TP101 B4  
TP102 C4  
TP103 D5  
TP104 D1  
TP105 D1  
TP106 D1

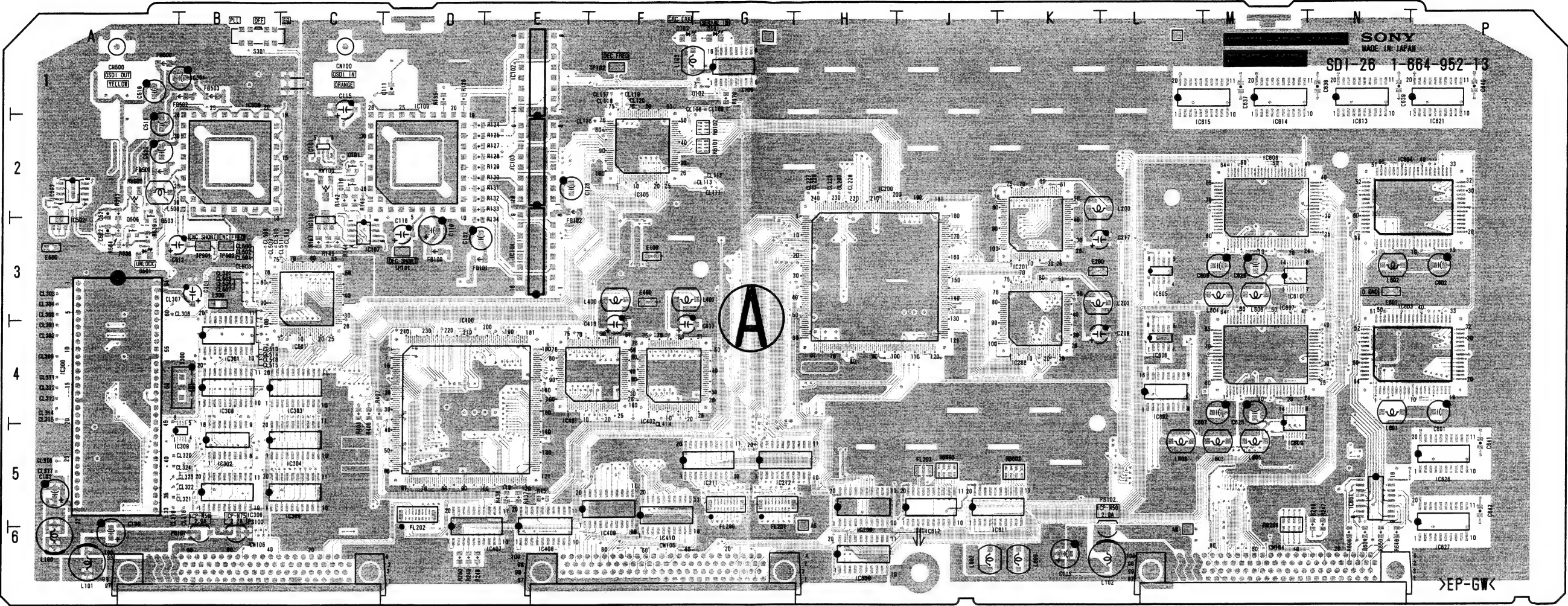


RP-103 -A SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P



RP-103 -B SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P

SDI-26A: QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26: QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)



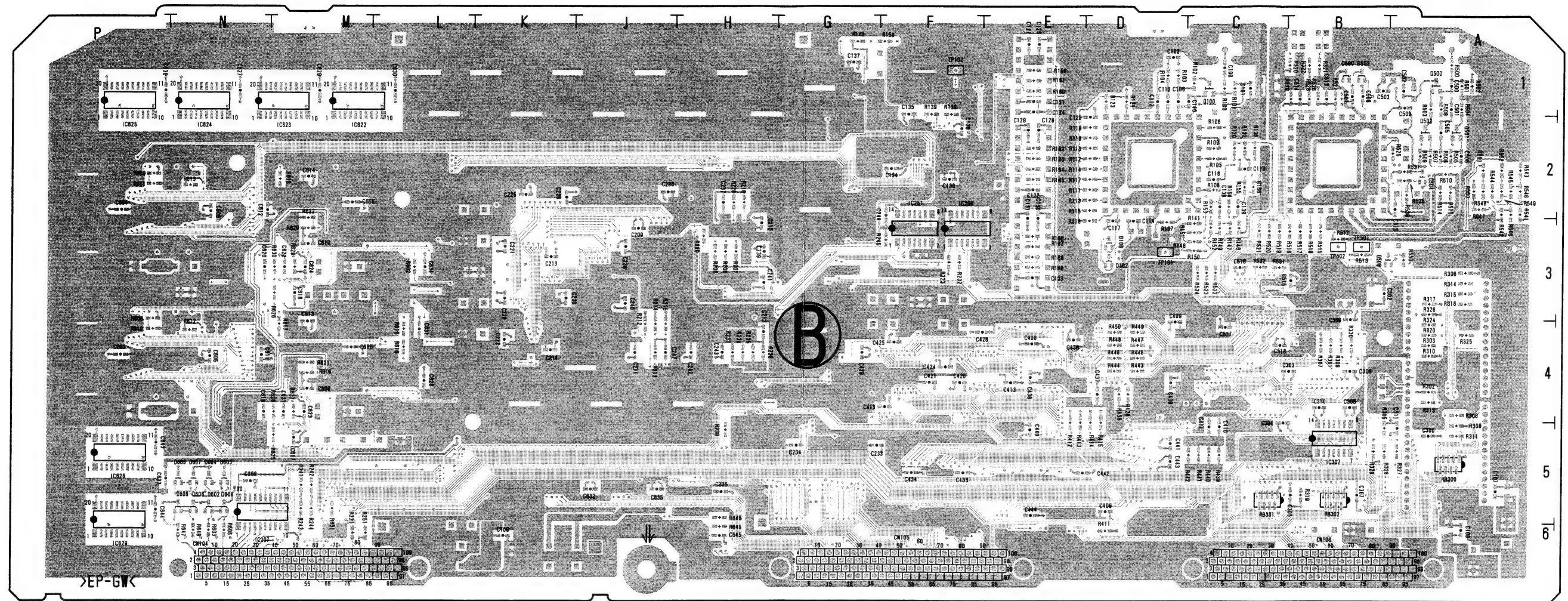
SDI-26/26A -A SDE-  
SUFFIX : -13  
MODEL DSR-80/80P  
MODEL DSBK-110/110P

SDI-26/26A (1-664-952-13)

\*: B SIDE

|        |      |       |    |       |      |       |    |       |      |       |      |
|--------|------|-------|----|-------|------|-------|----|-------|------|-------|------|
| CNI300 | A3   | E200  | K3 | IC110 | C3   | IC410 | F5 | L401  | G3   | RB101 | G2   |
| CNI100 | C1   | E300  | B3 | IC200 | H3   | IC500 | B2 | L500  | A2   | RB102 | G2   |
| CNI104 | N6   | E400  | F3 | IC201 | K3   | IC501 | C3 | L601  | M4   | RB200 | M5   |
| CNI105 | G6   | E500  | A3 | IC202 | K3   | IC502 | A3 | L602  | N3   | RB300 | * A5 |
| CNI106 | C6   | E601  | N3 | IC207 | * N5 | IC503 | A2 | L603  | M5   | RB301 | * C5 |
| CNI500 | A1   | FB100 | D3 | IC208 | H5   | IC601 | N5 | L604  | M3   | RB302 | * B5 |
|        |      | FB101 | D3 | IC209 | * F3 | IC602 | L4 | L605  | M5   | RB602 | K5   |
|        |      | FB102 | E2 | IC211 | G5   | IC603 | P4 | L606  | M3   | RB603 | J5   |
| D100   | * D3 | FB500 | A1 | IC212 | G5   | IC604 | P2 | L607  | J6   |       |      |
| D101   | G1   | FB501 | A2 | IC251 | * F3 | IC606 | L4 | L608  | L5   | RV100 | C2   |
| D102   | * D3 | FB502 | B1 | IC300 | A3   | IC607 | M4 |       |      | RV500 | A2   |
| D103   | F1   | FB503 | B1 | IC301 | B4   | IC608 | M2 | PS100 | B6   |       |      |
| D500   | * B1 | FL200 | G5 | IC302 | B5   | IC609 | M5 | PS101 | B6   | S301  | B1   |
| D501   | A3   | FL201 | G5 | IC303 | C4   | IC610 | M3 | PS102 | L6   |       |      |
| D502   | * B1 | FL202 | D5 | IC304 | C5   | IC611 | K5 |       |      | TP101 | D3   |
| D601   | * N5 | FL203 | J5 | IC305 | C5   | IC612 | J5 | Q100  | * C1 | TP102 | F1   |
| D602   | * N5 |       |    | IC306 | B5   | IC630 | H6 | Q101  | C2   | TP501 | B3   |
| D603   | * N5 | IC100 | C2 | IC307 | * B5 |       |    | Q102  | G1   | TP502 | B3   |
| D604   | * N5 | IC101 | C2 | IC308 | B4   | L100  | A6 | Q500  | * A1 |       |      |
| D605   | * N5 | IC102 | E1 | IC400 | D4   | L101  | A6 | Q501  | * A2 | X300  | B4   |
| D606   | * N5 | IC103 | E2 | IC401 | F4   | L102  | L6 | Q502  | * A2 |       |      |
| D607   | * N5 | IC104 | E3 | IC402 | F4   | L103  | G1 | Q503  | A2   |       |      |
| D608   | * N5 | IC105 | F2 | IC407 | D5   | L200  | L2 | Q504  | * A2 |       |      |
|        |      | IC106 | G1 | IC408 | E5   | L201  | L3 | Q506  | * B3 |       |      |
| E100   | F3   | IC107 | C3 | IC409 | F5   | L400  | F3 |       |      |       |      |

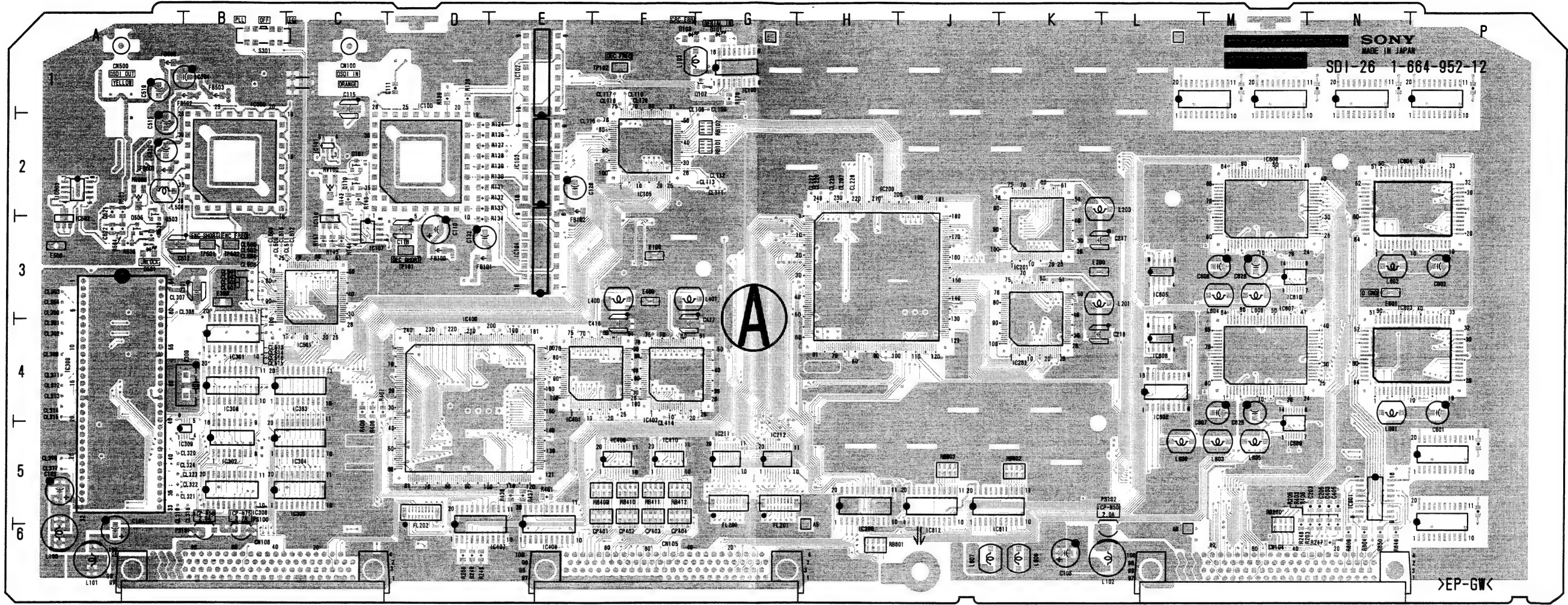




**SDI-26/26A -B SIDE-**  
 SUFFIX : -13  
 MODEL DSR-80/80P  
 MODEL DSBK-110/110P



SDI-26A: QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26: QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)



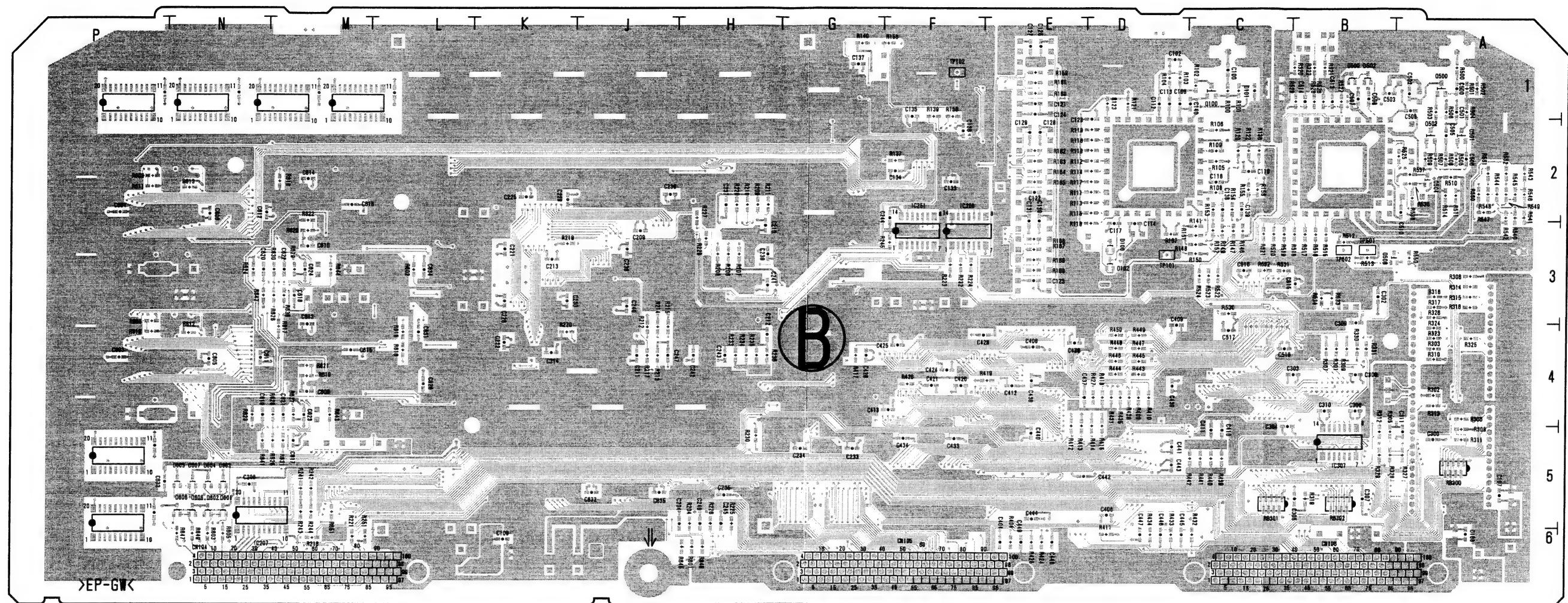
SDI-26/26A -A SIDE-  
SUFFIX : -12  
MODEL DSR-80/80P  
MODEL DSBK-110/110P

SDI-26/26A (1-664-952-12)

\*: B SIDE

|        |          |       |          |       |          |       |        |       |          |       |        |            |        |
|--------|----------|-------|----------|-------|----------|-------|--------|-------|----------|-------|--------|------------|--------|
| CNI300 | A3       | D608  | * N5(#1) | IC104 | E3(#1)   | IC407 | D5     | L101  | A6       | Q501  | * A2   | TP101      | D3(#1) |
| CNI100 | C1(#1)   | E100  | F3       | IC105 | F2(#1)   | IC408 | E5     | L102  | L6       | Q502  | * A2   | TP102      | F1(#1) |
| CNI104 | N6       | E200  | K3       | IC106 | G1(#1)   | IC409 | F5     | L103  | G1(#1)   | Q503  | A2     | TP501      | B3     |
| CNI105 | G6       | E300  | B3       | IC107 | C3(#1)   | IC410 | F5     | L200  | L2(#1)   | Q504  | * A2   | TP502      | B3     |
| CNI106 | C6       | E500  | F3       | IC110 | C3(#1)   | IC500 | B2     | L201  | L3(#1)   | Q506  | * B3   |            |        |
| CNI500 | A1       | F400  | F3       | IC200 | H3(#1)   | IC501 | C3     | L400  | F3       |       |        | X300       | B4     |
| CP401  | F5(#1)   | E500  | A3       | IC201 | K3(#1)   | IC502 | A3     | L401  | G3       | RB101 | G2(#1) |            |        |
| CP402  | F5(#1)   | E601  | N3(#1)   | IC202 | K3(#1)   | IC503 | A2     | L500  | A2       | RB102 | G2(#1) | #1: SDI-26 |        |
| CP403  | F5(#1)   |       |          | IC207 | * N5     | IC601 | N5(#1) | L601  | N4(#1)   | RB200 | M5(#1) |            |        |
| CP404  | F5(#1)   | FB100 | D3(#1)   | IC208 | H5(#1)   | IC602 | L4(#1) | L602  | N3(#1)   | RB300 | * A5   |            |        |
|        |          | FB101 | D3(#1)   | IC209 | * F3(#1) | IC603 | P4(#1) | L603  | M5(#1)   | RB301 | * C5   |            |        |
| D100   | * D3(#1) | FB102 | E2(#1)   | IC211 | G5(#1)   | IC604 | P2(#1) | L604  | M3(#1)   | RB302 | * B5   |            |        |
| D101   | G1(#1)   | FB500 | A1       | IC212 | G5(#1)   | IC605 | L3(#1) | L605  | M5(#1)   | RB409 | F5(#1) |            |        |
| D102   | * D3(#1) | FB501 | A2       | IC251 | * F3     | IC606 | L4(#1) | L606  | M3(#1)   | RB410 | F5(#1) |            |        |
| D103   | F1(#1)   | FB502 | B1       | IC301 | B4       | IC607 | M4(#1) | L607  | J6(#1)   | RB411 | F5(#1) |            |        |
| D500   | * B1     | FB503 | B1       | IC302 | B5       | IC608 | M2(#1) | L608  | L5(#1)   | RB412 | F5(#1) |            |        |
| D501   | A3       |       |          | IC303 | C4       | IC609 | M5(#1) |       |          | RB601 | H6(#1) |            |        |
| D502   | * B1     | FL200 | G5(#1)   | IC304 | C5       | IC610 | M3(#1) | PS100 | B6       | RB602 | K5(#1) |            |        |
| D601   | * N5(#1) | FL201 | G5(#1)   | IC305 | C5(#1)   | IC611 | K5(#1) | PS101 | B6       | RB603 | J5(#1) |            |        |
| D602   | * N5(#1) | FL202 | D5(#1)   | IC306 | B5(#1)   | IC612 | J5(#1) | PS102 | L6       |       |        |            |        |
| D603   | * N5(#1) |       |          | IC307 | * B5     | IC613 | N1(#1) |       |          | RV100 | C2(#1) |            |        |
| D604   | * N5(#1) | IC100 | C2(#1)   | IC308 | B4       | IC614 | M1(#1) | Q100  | * C1(#1) | RV500 | A2     |            |        |
| D605   | * N5(#1) | IC101 | C2(#1)   | IC400 | D4       | IC615 | M1(#1) | Q101  | C2(#1)   |       |        |            |        |
| D606   | * N5(#1) | IC102 | E1(#1)   | IC401 | F4       |       |        | Q102  | G1(#1)   | S301  | B1     |            |        |
| D607   | * N5(#1) | IC103 | E2(#1)   | IC402 | F4       | L100  | A6     | Q500  | * A1     |       |        |            |        |

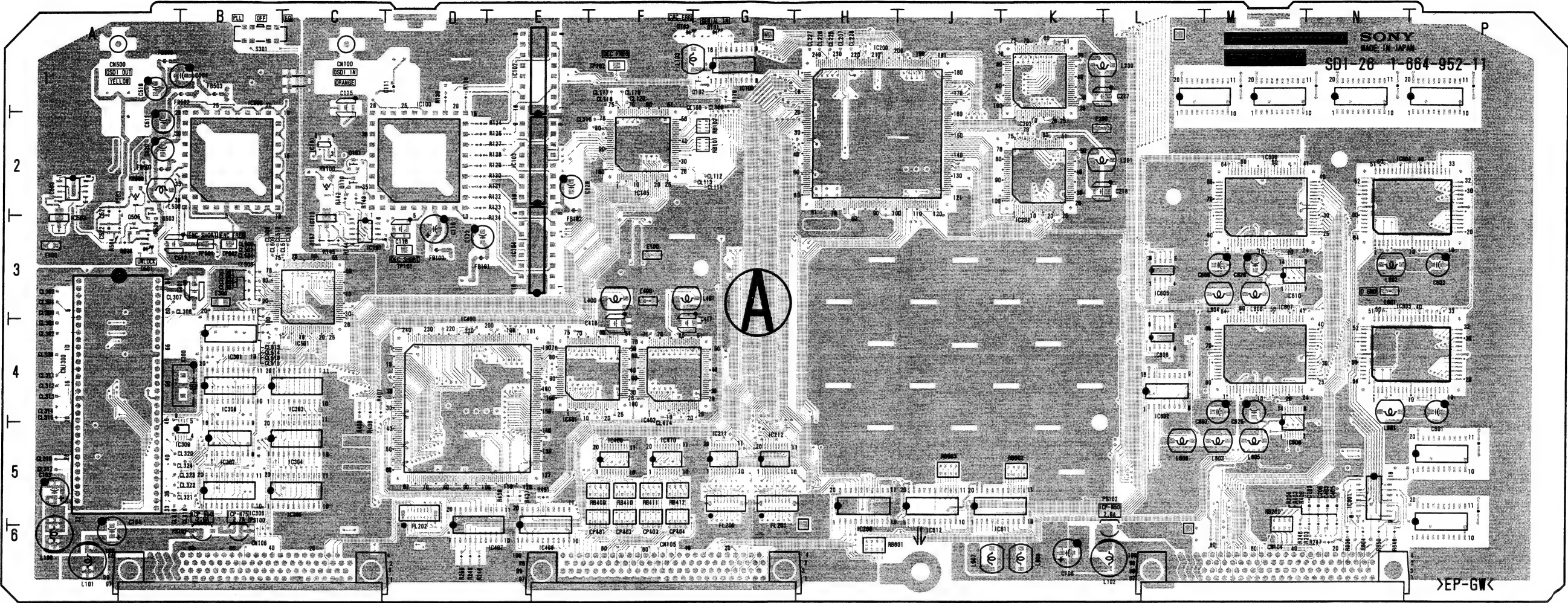




**SDI-26/26A - B SIDE-**  
 SUFFIX : -12  
 MODEL DSR-80/80P  
 MODEL DSBK-110/110P



SDI-26A: QSDI OUTPUT INTERFACE



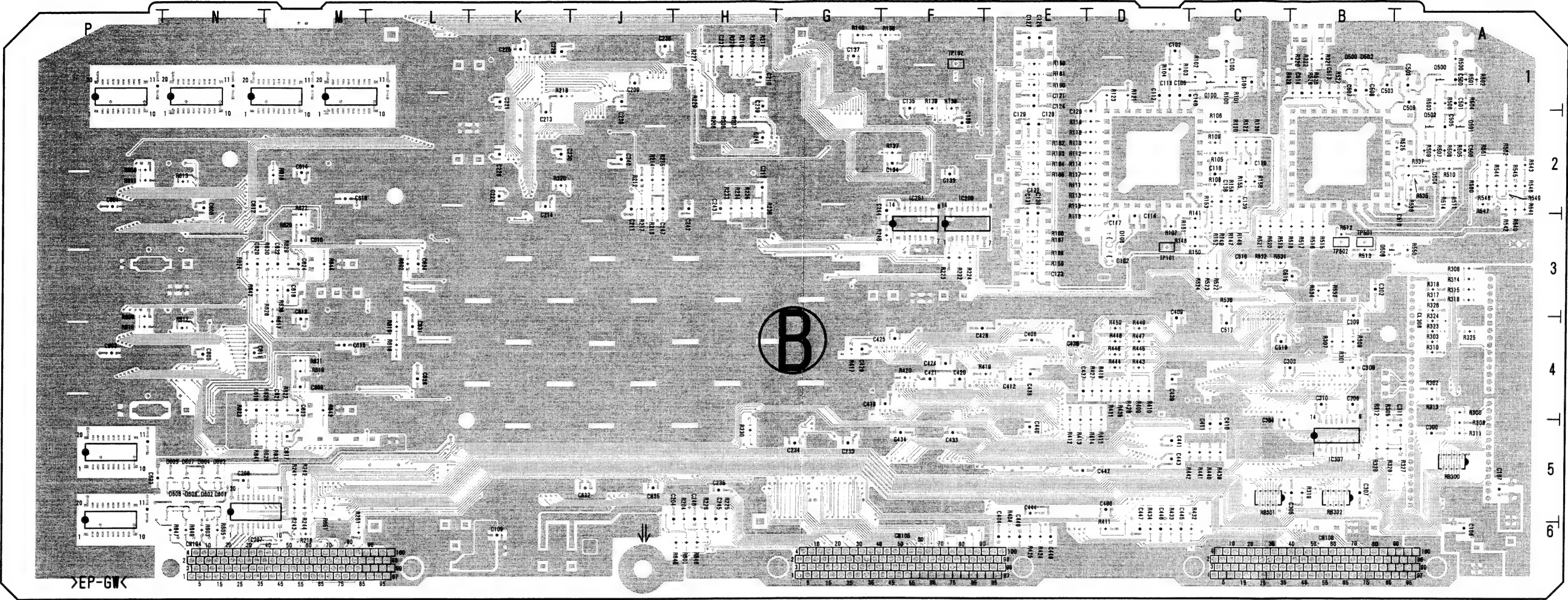
SDI-26A -A SIDE-  
SUFFIX : -11  
MODEL DSBK-110/110P

SDI-26A (1-664-952-11)

\*: B SIDE

|       |      |       |      |       |      |       |    |
|-------|------|-------|------|-------|------|-------|----|
| NI300 | A3   | FB503 | B1   | L102  | L6   | RV100 | C2 |
| CN104 | N6   | IC200 | H2   | L400  | F3   | RV500 | A2 |
| CN105 | G6   | IC207 | * N5 | L401  | G3   | S301  | B1 |
| CN106 | C6   | IC251 | * F3 | PS100 | B6   | TP501 | B3 |
| CN500 | A1   | IC301 | B4   | PS101 | B6   | TP502 | B3 |
| CP401 | F5   | IC302 | B5   | PS102 | L6   | X300  | B4 |
| CP402 | F5   | IC303 | C4   | Q500  | * A1 |       |    |
| CP403 | F5   | IC304 | C5   | Q501  | * A2 |       |    |
| CP404 | F5   | IC307 | * B5 | Q502  | * A2 |       |    |
| D500  | * B1 | IC308 | B4   | Q503  | A2   |       |    |
| D501  | A3   | IC400 | D4   | Q504  | * A2 |       |    |
| D502  | * B1 | IC401 | F4   | Q506  | * B3 |       |    |
| E100  | F3   | IC402 | D5   | RB101 | G2   |       |    |
| E200  | K2   | IC407 | D5   | RB102 | G2   |       |    |
| E300  | B3   | IC408 | B5   | RB300 | * A5 |       |    |
| E400  | F3   | IC409 | F5   | RB301 | * C5 |       |    |
| E500  | A3   | IC410 | F5   | RB302 | * B5 |       |    |
| FB500 | A1   | IC500 | B2   | RB409 | F5   |       |    |
| FB501 | A2   | IC501 | C3   | RB410 | F5   |       |    |
| FB502 | B1   | IC502 | A3   | RB411 | F5   |       |    |
|       |      | IC503 | A2   | RB412 | F5   |       |    |
|       |      | L100  | A6   |       |      |       |    |
|       |      | L101  | A6   |       |      |       |    |





SDI-26A -B SIDE-  
SUFFIX : -11  
MODEL DSBK-110/110P





SDI-27: SDI INPUT INTERFACE

SDI-27 (1-662-903-12)

\*: B SIDE

CN27 E3  
CN101 A1  
CN102 C1

D101 \*B3  
D102 E1  
D103 \*B3  
D201 D1  
D204 E1  
D301 B5  
D302 A5  
D303 A5  
D304 A5  
D305 C5  
D306 B5  
D307 B5  
D308 B5

E101 C3  
E111 \*C3  
E301 E5  
E311 \*E5

FB101 B3  
FB102 C1  
FB104 C2  
FB105 C2  
FB106 C3  
FB107 D3

IC101 A2  
IC102 A2  
IC103 D1  
IC104 D2  
IC105 D3  
IC106 B3  
IC107 A3  
IC108 D1  
IC201 E2  
IC202 E2  
IC203 E1  
IC205 E3  
IC206 D3  
IC301 D5  
IC302 D5  
IC303 D4  
IC304 D5  
IC305 \*D4  
IC306 \*D5  
IC307 D5  
IC308 A5  
IC309 B4  
IC310 B5  
IC311 C5  
IC312 A5  
IC313 A4  
IC314 A5  
IC315 A3  
IC316 \*D4  
IC317 \*C4

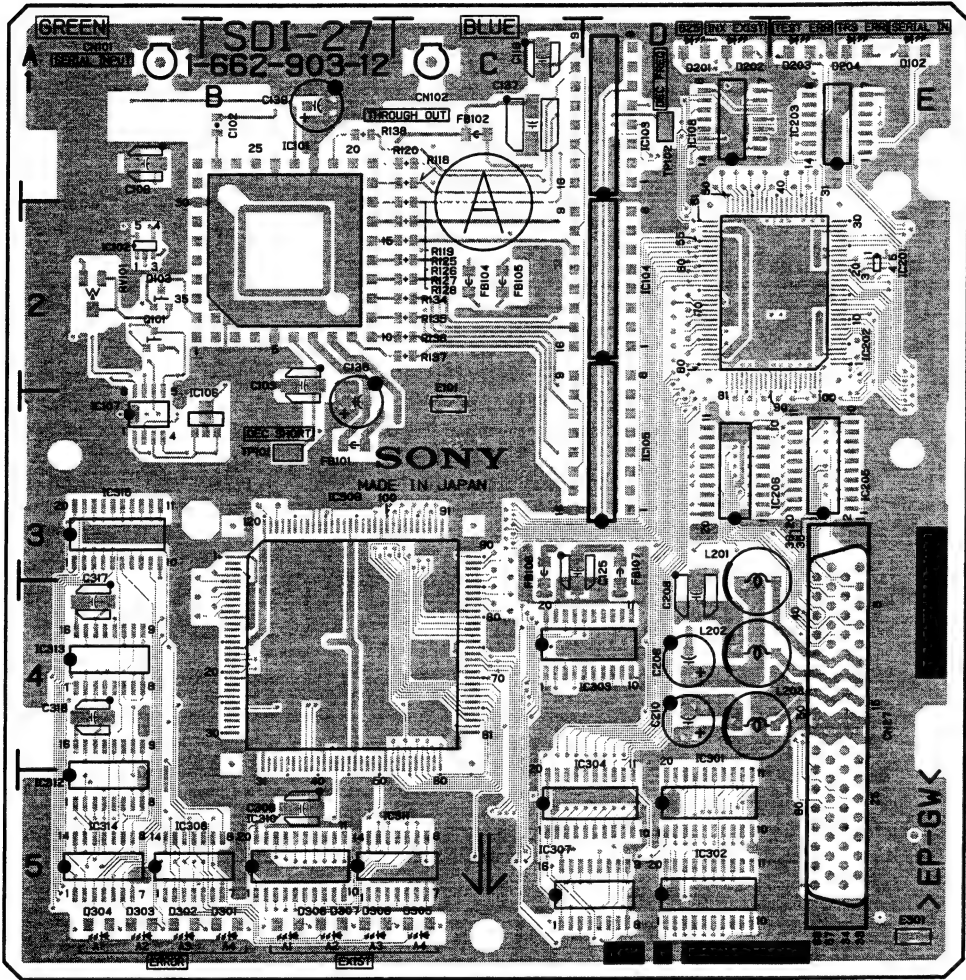
L201 D4  
L202 D4  
L203 D4

Q102 \*A1  
Q103 A2  
Q104 \*C1  
Q105 \*C1  
Q106 \*C1  
Q201 \*E2

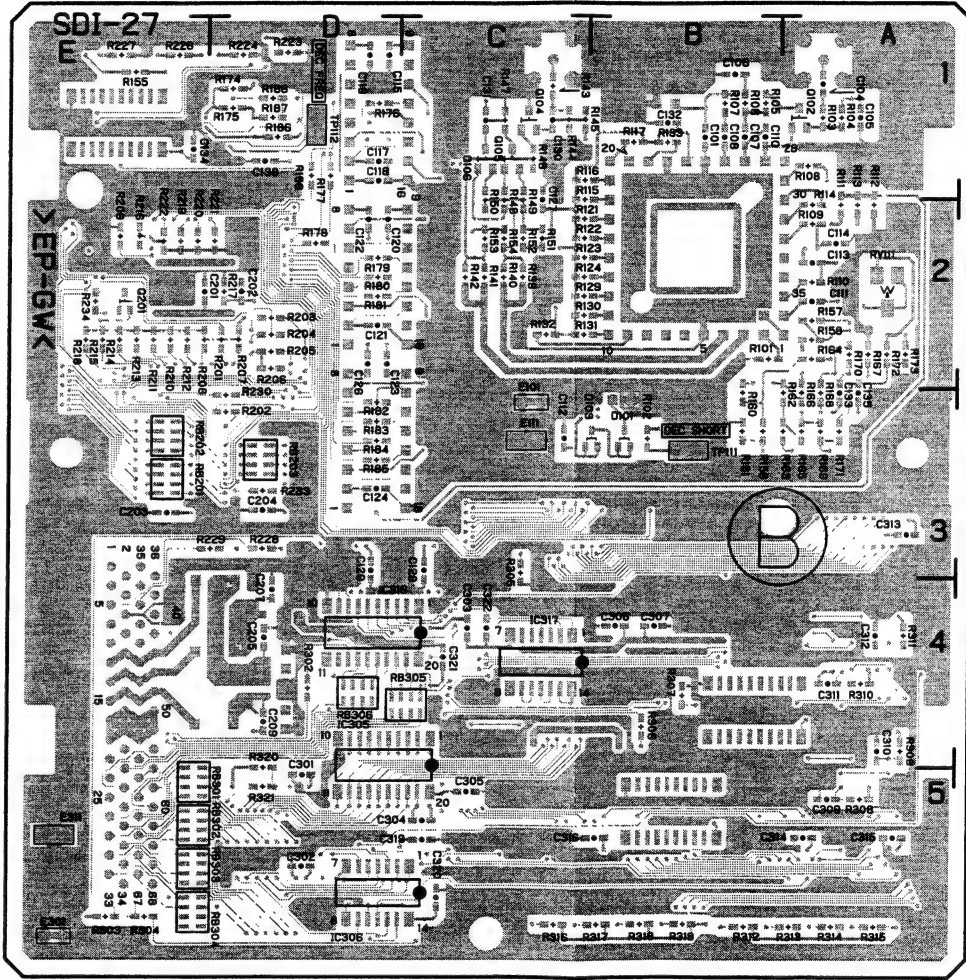
RB201 \*E3  
RB202 \*E3  
RB203 D3  
RB301 \*E5  
RB302 \*E5  
RB303 \*E5  
RB304 \*E5  
RB305 \*C4  
RB306 \*D4

RV101 A2

TP101 B3  
TP102 D1  
TP111 \*B3  
TP112 \*D1



SDI-27 -A SIDE-  
SUFFIX : -12  
MODEL DSBK-120/120P



SDI-27 -B SIDE-  
SUFFIX : -12  
MODEL DSBK-120/120P

SDI-28: SDI OUTPUT INTERFACE

SDI-28 (1-662-904-12)

\*: B SIDE

CNI301 B5  
CN28 E5  
CN201 A1  
CN202 B1

D101 \*C3  
D201 \*C1  
D202 A3  
D203 \*B1

E201 E5  
E211 \*A3  
E301 C5  
E311 \*C5

FB201 B2  
FB202 B1  
FB203 A1  
FB204 B2  
FB205 B2

IC101 \*D4  
IC102 \*D5  
IC103 C3  
IC104 D2  
IC105 E2  
IC106 C2  
IC107 D3  
IC108 E3  
IC109 \*C4  
IC110 E2  
IC111 \*C4  
IC112 C4  
IC113 D1  
IC114 D4  
IC115 \*E2  
IC116 \*A5  
IC201 B3  
IC202 A2  
IC203 A2  
IC303 \*B4  
IC304 B4

L101 E3  
L102 E4  
L103 E4  
L201 B2

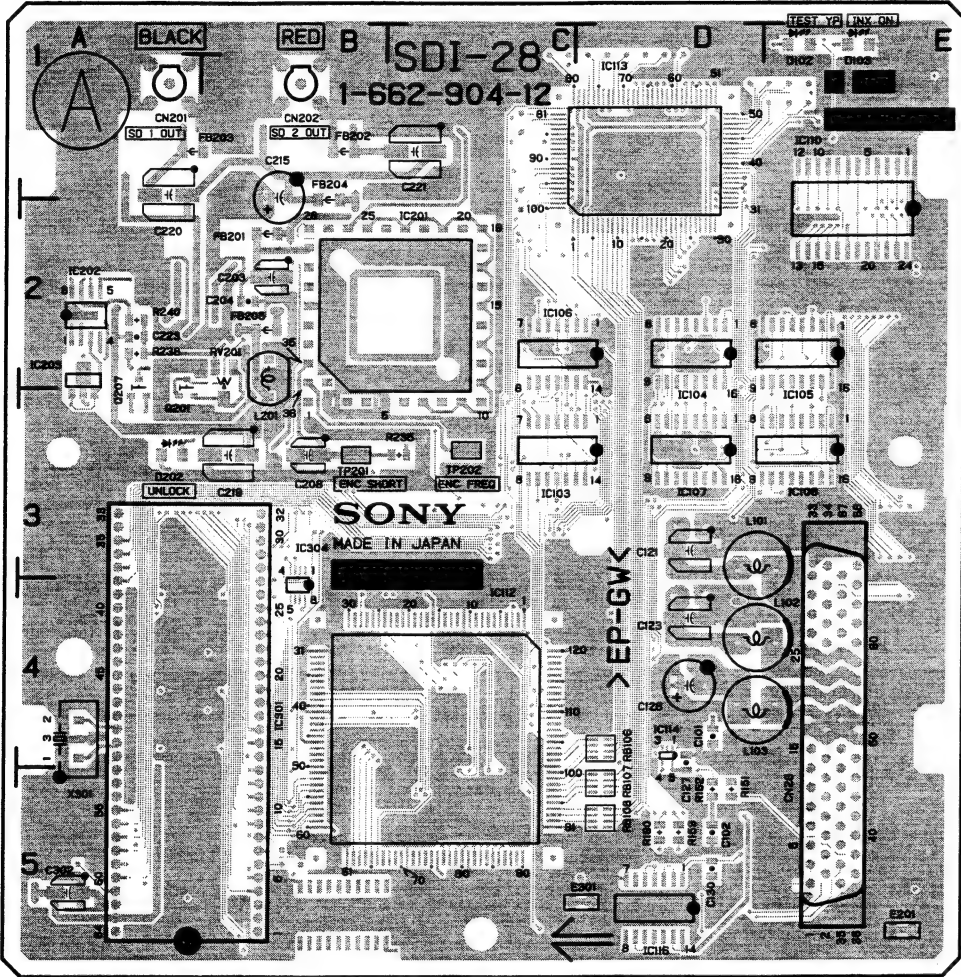
Q101 \*C4  
Q102 \*C4  
Q103 \*C4  
Q201 A2  
Q202 \*B2  
Q203 \*A2  
Q204 \*A1  
Q205 \*B1  
Q206 \*C3  
Q208 \*B3

RB101 \*E3  
RB102 \*E4  
RB103 \*E5  
RB104 \*D2  
RB105 \*D3  
RB106 C2  
RB107 D2  
RB108 D2

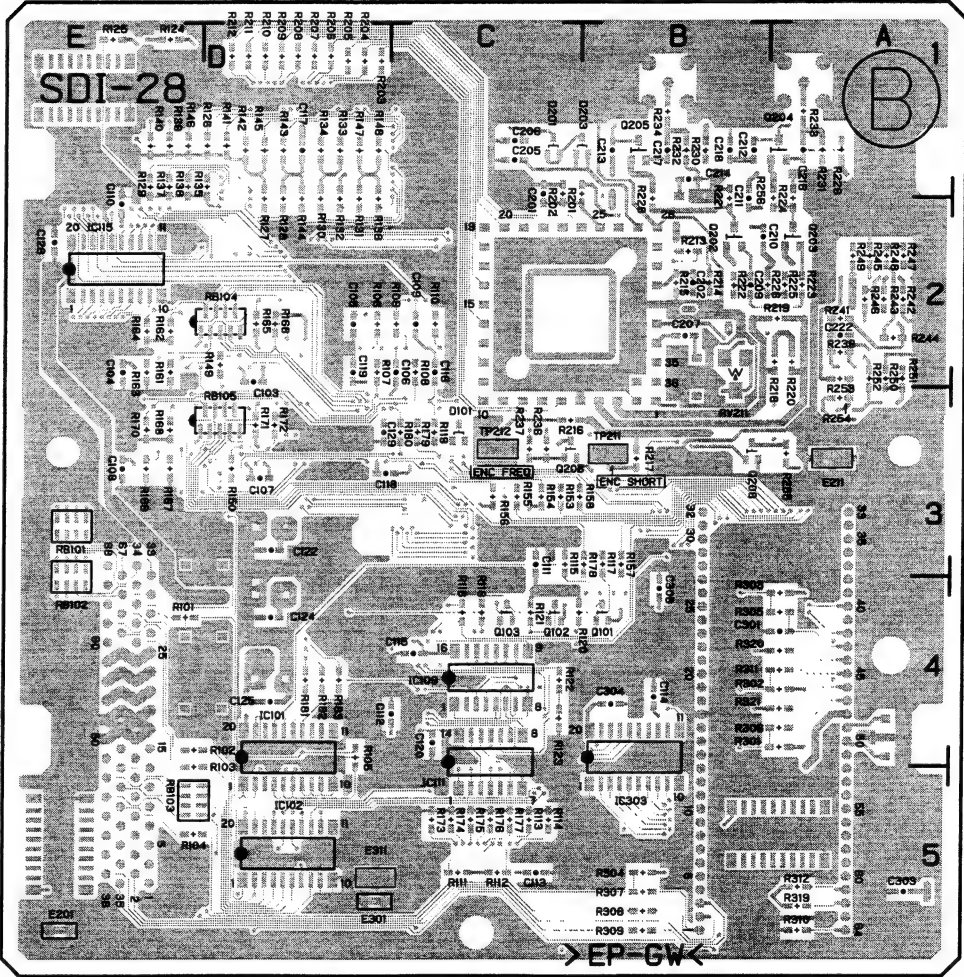
RV201 B2

TP201 B3  
TP202 C3  
TP211 \*B3  
TP212 \*C3

X301 A4



SDI-28 -A SIDE-  
SUFFIX : -12  
MODEL DSBK-100/100P  
MODEL DSBK-120/120P



SDI-28 -B SIDE-  
SUFFIX : -12  
MODEL DSBK-100/100P  
MODEL DSBK-120/120P



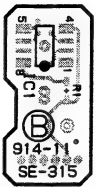
SE-315: S REEL FG SENSOR  
SE-361: T REEL FG SENSOR

SE-315 (1-662-914-11)

\*: B SIDE  
CN61      A1  
IC1      \* A1



**SE-315 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



**SE-315 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

SE-361 (1-662-915-11)

\*: B SIDE  
CN61      A1  
IC1      \* A1

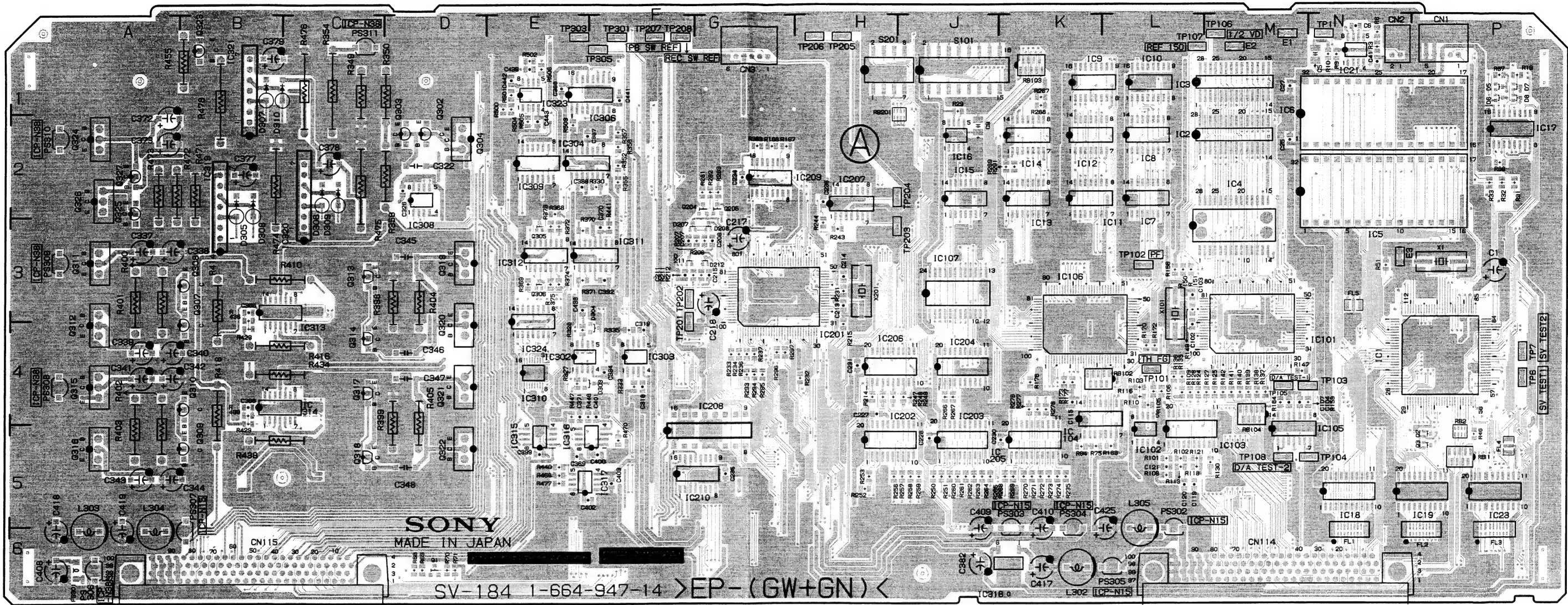


**SE-361 -A SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



**SE-361 -B SIDE-**  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P

SV-184: SERVO SYSTEM



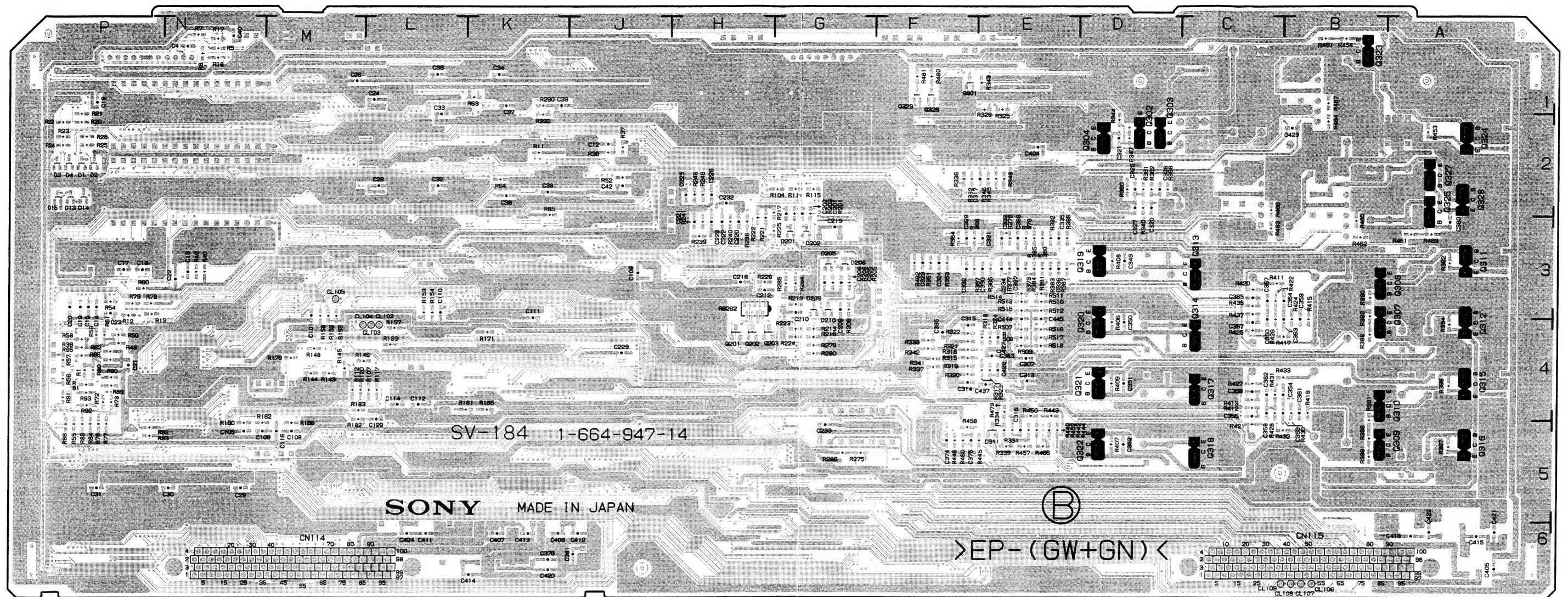
SV-184 -A SIDE-  
SUFFIX : -14  
MODEL DSR-80/80P/60/60P

SV-184 (1-664-947-14)

\*: B SIDE

|       |      |       |      |       |    |       |    |       |      |      |      |       |    |       |    |
|-------|------|-------|------|-------|----|-------|----|-------|------|------|------|-------|----|-------|----|
| CN1   | F1   | D303  | F4   | IC6   | M2 | IC205 | K5 | L302  | K6   | Q304 | D2   | RB1   | P5 | TP301 | F1 |
| CN2   | N1   | D304  | F4   | IC7   | L2 | IC206 | H4 | L303  | A6   | Q305 | E3   | RB102 | K4 | TP303 | E1 |
| CN3   | G1   | D305  | B2   | IC8   | L2 | IC207 | H2 | L304  | A6   | Q306 | E3   | RB103 | K1 | TP305 | F1 |
| CN114 | N6   | D306  | C2   | IC9   | K1 | IC208 | F5 | L305  | L6   | Q307 | B4   | RB201 | J2 |       |    |
| CN115 | C6   | D307  | B1   | IC10  | L1 | IC209 | G2 |       |      | Q308 | B3   |       |    | X1    | P3 |
|       |      | D308  | B2   | IC11  | K2 | IC210 | G5 | PS302 | L6   | Q309 | B5   |       |    | X101  | L3 |
| D1    | * P2 | D309  | C2   | IC12  | K2 | IC211 | E4 | PS303 | K6   | Q310 | B4   | S101  | J1 | X201  | H3 |
| D2    | * P2 | D310  | B1   | IC13  | K2 | IC212 | E4 | PS304 | K6   | Q311 | A3   |       |    |       |    |
| D3    | * P2 | D311  | * E5 | IC14  | K2 | IC213 | E4 | PS305 | L6   | Q312 | A4   | TP1   | N1 |       |    |
| D4    | * P2 |       |      | IC15  | J2 | IC214 | F1 | PS306 | A6   | Q313 | C3   | TP6   | P4 |       |    |
| D5    | P1   | E1    | M1   | IC16  | J2 | IC215 | D2 | PS307 | B6   | Q314 | C4   | TP7   | P4 |       |    |
| D6    | P1   | E2    | M1   | IC17  | P2 | IC216 | E2 | PS308 | A4   | Q315 | A4   | TP101 | L4 |       |    |
| D7    | P1   | E3    | N3   | IC18  | N5 | IC217 | E4 | PS309 | A3   | Q316 | A5   | TP102 | L3 |       |    |
| D8    | P1   |       |      | IC19  | P5 | IC218 | F3 | PS310 | A2   | Q317 | C4   | TP103 | M4 |       |    |
| D13   | * P2 | FB301 | A6   | IC21  | N1 | IC219 | E3 | PS311 | C1   | Q318 | C5   | TP104 | M5 |       |    |
| D14   | * P2 |       |      | IC23  | P5 | IC220 | B3 |       |      | Q319 | D3   | TP105 | M4 |       |    |
| D15   | * P2 |       |      | IC24  | M4 | IC221 | B4 |       |      | Q320 | D4   | TP106 | M1 |       |    |
| D201  | * G3 | FL1   | N6   | IC101 | M4 | IC222 | E5 | Q1    | D6   | Q321 | D4   | TP107 | L1 |       |    |
| D202  | * G3 | FL2   | P6   | IC102 | L5 | IC223 | F5 | Q2    | P5   | Q322 | D5   | TP108 | M5 |       |    |
| D205  | * G3 | FL3   | P6   | IC103 | L5 | IC224 | E5 | Q3    | P5   | Q323 | B1   | TP201 | F4 |       |    |
| D206  | * G3 | FL4   | P5   | IC104 | K4 | IC225 | K6 | Q201  | * H4 | Q324 | A2   | TP202 | F3 |       |    |
| D207  | F3   | FL5   | N3   | IC105 | M5 | IC226 | B3 | Q202  | * H4 | Q325 | A2   | TP203 | H3 |       |    |
| D208  | G3   |       |      | IC106 | K4 | IC227 | C3 | Q203  | * H4 | Q326 | A2   | TP204 | H2 |       |    |
| D209  | * G3 | IC1   | P4   | IC107 | J3 | IC228 | E2 | Q204  | G2   | Q327 | A2   | TP205 | H1 |       |    |
| D210  | * G3 | IC2   | M2   | IC108 | G3 | IC229 | E1 | Q205  | G2   | Q328 | * F1 | TP206 | H1 |       |    |
| D211  | F3   | IC3   | M1   | IC109 | H5 | IC230 | E4 | Q301  | * F1 | Q329 | * F1 | TP207 | F1 |       |    |
| D212  | G3   | IC4   | M3   | IC110 | J5 | IC231 |    | Q302  | D2   |      |      | TP208 | F1 |       |    |
|       |      | IC5   | M3   | IC111 | J4 | IC232 |    | Q303  | D2   |      |      |       |    |       |    |

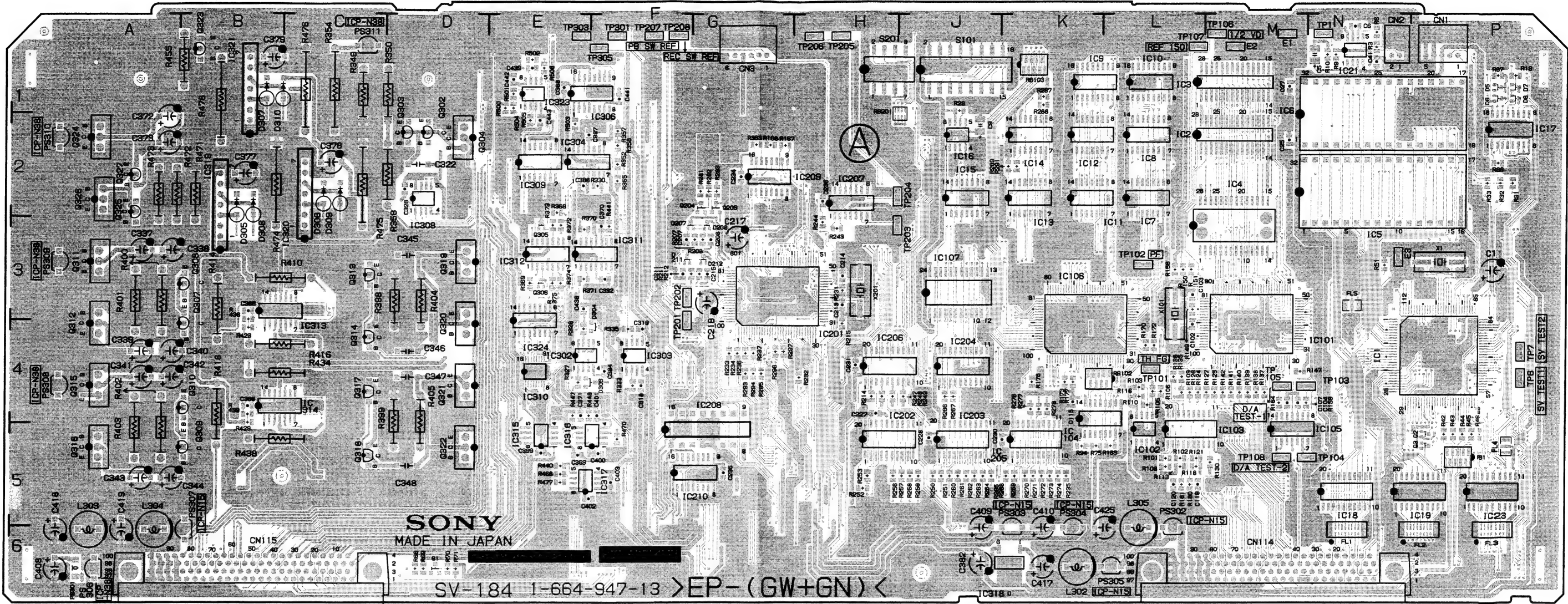




**SV-184 -B SIDE-**  
SUFFIX : -14  
MODEL DSR-80/80P/60/60P



SV-184: SERVO SYSTEM



SV-184-A SIDE-  
SUFFIX : -13  
MODEL DSF-80/80P/60/60P

SV-184 (1-664-947-13)

\*: B SIDE

CN1 F1  
CN2 N1  
CN3 G1  
CN114 N6  
CN115 C6  
  
D1 \* P2  
D2 \* P2  
D3 \* P2  
D4 P2  
D5 P1  
D6 P1  
D7 P1  
D8 P1  
D13 \* P2  
D14 \* P2  
D15 \* P2  
D201 \* G3  
D202 \* G3  
D205 \* G3  
D206 \* G3  
D207 F3  
D208 G3  
D209 \* G3  
D210 \* G3  
D211 F3  
D212 G3

D303 F4  
D304 F4  
D305 B2  
D306 C2  
D307 B1  
D308 B2  
D309 C2  
D310 B1  
D311 \* E5  
  
E1 M1  
E2 M1  
E3 N3  
  
FB301 A6  
  
FL1 N6  
FL2 P6  
FL3 P6  
FL4 P5  
FL5 N3

IC6 M2  
IC7 L2  
IC8 L2  
IC9 K1  
IC10 L1  
IC11 K2  
IC12 K2  
IC13 K2  
IC14 K2  
IC15 J2  
IC16 J2  
IC17 P2  
IC18 N5  
IC19 P5  
IC21 N1  
IC23 P5  
IC101 M4  
IC102 L5  
IC103 L5  
IC104 K4  
IC105 M5  
IC106 K4  
IC107 J3  
IC201 G3  
IC202 H5  
IC203 J5  
IC204 J4

M2  
L2  
L2  
K1  
L1  
K2  
K2  
K2  
J2  
P2  
N5  
P5  
N1  
P5  
M4  
L5  
L5  
K4  
M5  
K4  
J3  
G3  
H5  
J5  
J4

IC205 K5  
IC206 H4  
IC207 H2  
IC208 F5  
IC209 G2  
IC210 G5  
IC302 E4  
IC303 F4  
IC304 E2  
IC306 F1  
IC308 D2  
IC309 E2  
IC310 E4  
IC311 F3  
IC312 E3  
IC313 B3  
IC314 B4  
IC315 E5  
IC316 F5  
IC317 E5  
IC318 K6  
IC319 B3  
IC320 C3  
IC321 B2  
IC323 E1  
IC324 E4

K5  
H4  
H2  
F5  
G2  
G5  
E4  
F4  
E2  
F1  
D2  
E2  
F3  
E3  
B3  
B4  
E5  
F5  
E5  
K6  
B3  
C3  
B2  
E1  
E4

L302 K6  
L303 A6  
L304 A6  
L305 L6  
  
PS302 L6  
PS303 K6  
PS304 K6  
PS305 L6  
PS306 A6  
PS307 B6  
PS308 A4  
PS309 A3  
PS310 A2  
PS311 C1  
  
Q1 D6  
Q2 P5  
Q3 P5  
Q201 \* H4  
Q202 \* H4  
Q203 \* H4  
Q204 G2  
Q205 G2  
Q301 \* F1  
Q302 D2  
Q303 D2

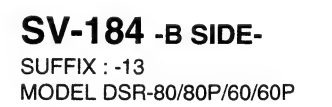
Q304 D2  
Q305 E3  
Q306 E3  
Q307 B4  
Q308 B3  
Q309 B5  
Q310 B4  
Q311 A3  
Q312 A4  
Q313 C3  
Q314 C4  
Q315 A4  
Q316 A5  
Q317 C4  
Q318 C5  
Q319 D3  
Q320 D4  
Q321 D4  
Q322 D5  
Q323 B1  
Q324 A2  
Q325 A2  
Q326 A2  
Q327 A2  
Q328 \* F1  
Q329 \* F1

RB1 P5  
RB102 K4  
RB103 K1  
RB201 J2  
  
S101 J1  
S201 H1  
  
TP1 N1  
TP6 P4  
TP7 P4  
TP101 L4  
TP102 L3  
TP103 M4  
TP104 M5  
TP105 M4  
TP106 M1  
TP107 L1  
TP108 M5  
TP201 F4  
TP202 F3  
TP203 H3  
TP204 H2  
TP205 H1  
TP206 H1  
TP207 F1  
TP208 F1

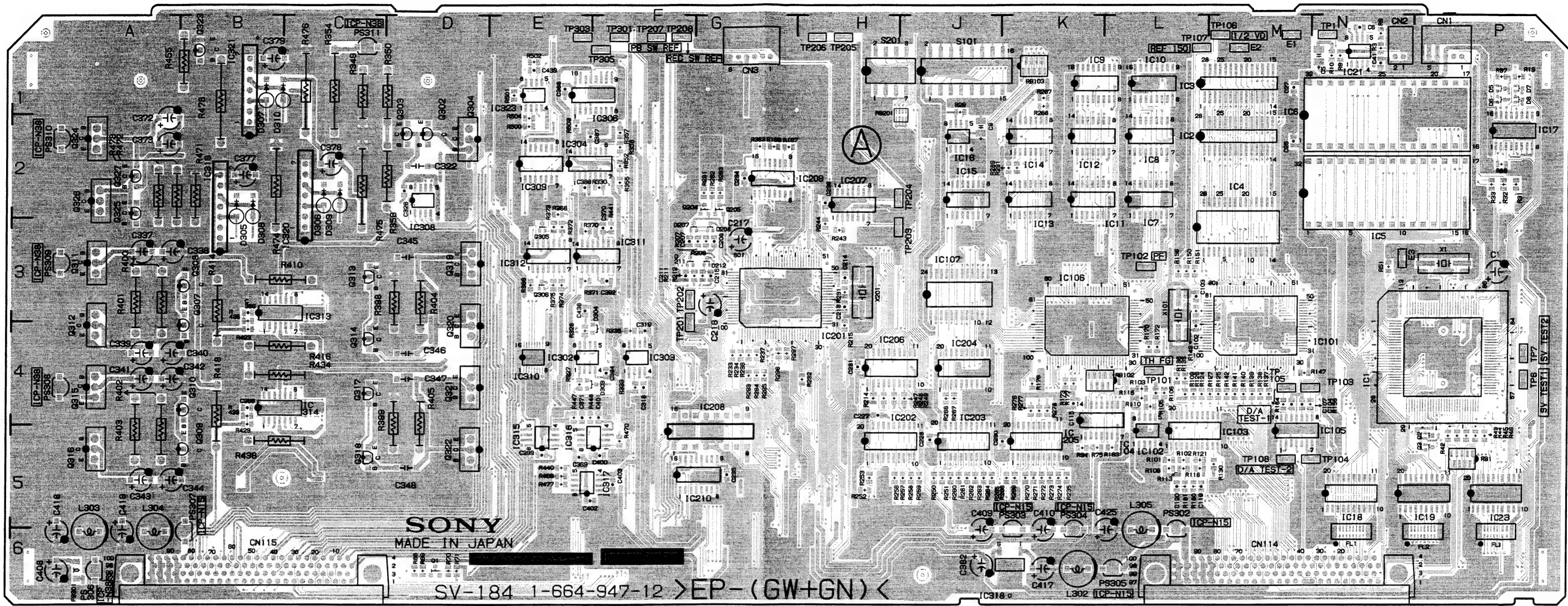
P5  
K4  
K1  
J2  
  
J1  
H1  
  
N1  
P4  
P4  
L4  
L3  
M4  
M5  
M4  
M1  
L1  
M5  
F4  
F3  
H3  
H2  
H1  
H1  
F1  
F1

TP301 F1  
TP303 E1  
TP305 F1  
  
X1 P3  
X101 L3  
X201 H3









SV-184 -A SIDE-  
SUFFIX : -12  
MODEL DSR-60/60P

SV-184 (1-664-947-12)

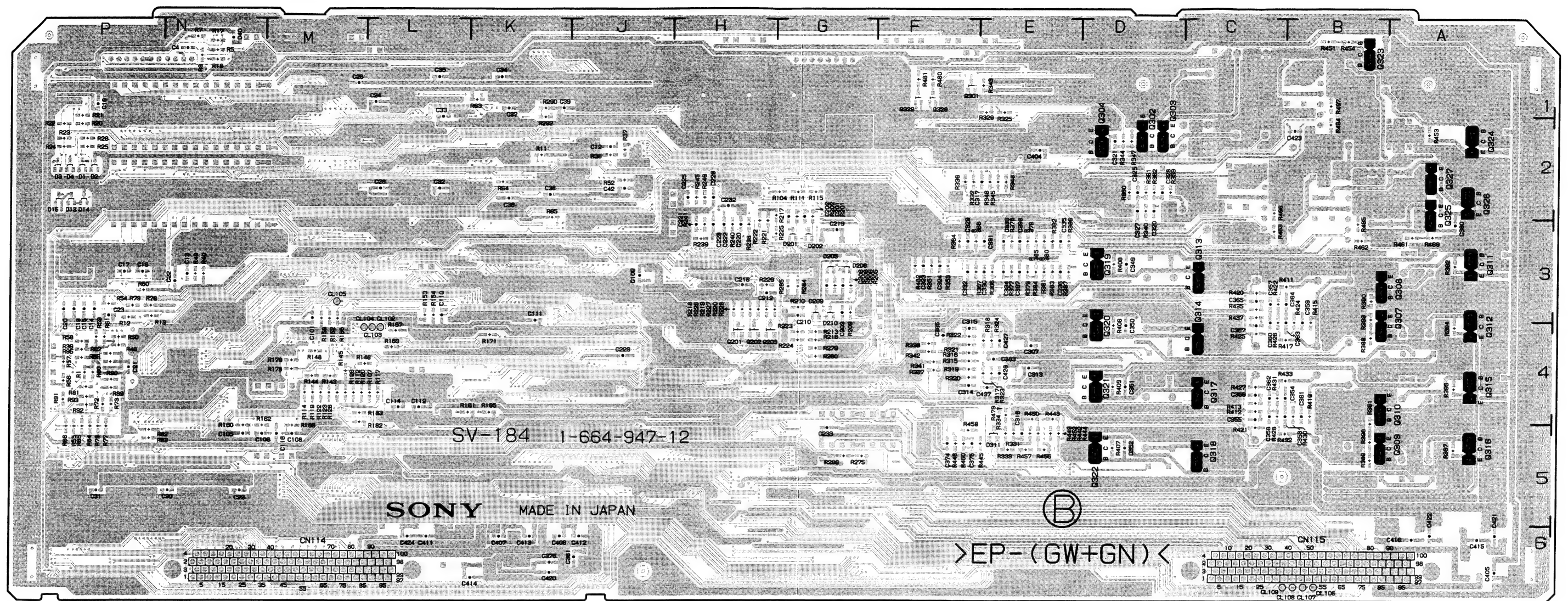
\*: B SIDE

|       |      |       |      |       |    |       |    |       |      |      |      |       |      |       |    |
|-------|------|-------|------|-------|----|-------|----|-------|------|------|------|-------|------|-------|----|
| CN1   | P1   | D212  | G3   | IC6   | M2 | IC204 | J4 | L302  | K6   | Q303 | D2   | Q329  | * F1 | TP206 | H1 |
| CN2   | N1   | D303  | F4   | IC7   | L2 | IC205 | K5 | L303  | A6   | Q304 | D2   | RB1   | P5   | TP207 | F1 |
| CN3   | G1   | D304  | F4   | IC8   | L2 | IC206 | H4 | L304  | A6   | Q305 | E3   | RB102 | K4   | TP208 | F1 |
| CN114 | N6   | D305  | B2   | IC9   | K1 | IC207 | H2 | L305  | L6   | Q306 | E3   | RB103 | K1   | TP301 | F1 |
| CN115 | C6   | D306  | C2   | IC10  | L1 | IC208 | F5 |       |      | Q307 | B4   | RB201 | J2   | TP303 | E1 |
|       |      | D307  | B1   | IC11  | K2 | IC209 | G2 | PS302 | L6   | Q308 | B3   |       |      | TP305 | F1 |
| D1    | * P2 | D308  | B2   | IC12  | K2 | IC210 | G5 | PS303 | K6   | Q309 | B5   |       |      |       |    |
| D2    | * P2 | D309  | C2   | IC13  | K2 | IC302 | E4 | PS304 | K6   | Q310 | B4   | S101  | J1   | X1    | P3 |
| D3    | * P2 | D310  | B1   | IC14  | K2 | IC303 | F4 | PS305 | L6   | Q311 | A3   | S201  | H1   | X101  | L3 |
| D4    | * P2 | D311  | * E5 | IC15  | J2 | IC304 | E2 | PS306 | A6   | Q312 | A4   |       |      | X201  | H3 |
| D5    | P1   |       |      | IC16  | J2 | IC306 | F1 | PS307 | B6   | Q313 | C3   | TP1   | N1   |       |    |
| D6    | P1   | E1    | M1   | IC17  | P2 | IC308 | D2 | PS308 | A4   | Q314 | C4   | TP6   | P4   |       |    |
| D7    | P1   | E2    | M1   | IC18  | N5 | IC309 | E2 | PS309 | A3   | Q315 | A4   | TP7   | P4   |       |    |
| D8    | P1   | E3    | N3   | IC19  | P5 | IC310 | E4 | PS310 | A2   | Q316 | A5   | TP101 | L4   |       |    |
| D13   | * P2 |       |      | IC21  | N1 | IC311 | F3 | PS311 | C1   | Q317 | C4   | TP102 | L3   |       |    |
| D14   | * P2 |       |      | IC23  | P5 | IC312 | E3 |       |      | Q318 | C5   | TP103 | M4   |       |    |
| D15   | * P2 | FB301 | A6   | IC101 | M4 | IC313 | B3 | Q1    | D6   | Q319 | D3   | TP104 | M5   |       |    |
| D201  | * G3 | FL1   | N6   | IC102 | L5 | IC314 | B4 | Q2    | P5   | Q320 | D4   | TP105 | M4   |       |    |
| D202  | * G3 | FL2   | P6   | IC103 | L5 | IC315 | E5 | Q3    | P5   | Q321 | D4   | TP106 | M1   |       |    |
| D205  | * G3 | FL3   | P6   | IC104 | K4 | IC316 | F5 | Q201  | * H4 | Q322 | D5   | TP107 | L1   |       |    |
| D206  | * G3 |       |      | IC105 | M5 | IC317 | E5 | Q202  | * H4 | Q323 | B1   | TP108 | M5   |       |    |
| D207  | F3   | IC1   | P4   | IC106 | K4 | IC318 | K6 | Q203  | * H4 | Q324 | A2   | TP201 | F4   |       |    |
| D208  | G3   | IC2   | M2   | IC107 | J3 | IC319 | B3 | Q204  | G2   | Q325 | A2   | TP202 | F3   |       |    |
| D209  | * G3 | IC3   | M1   | IC201 | G3 | IC320 | C3 | Q205  | G2   | Q326 | A2   | TP203 | H3   |       |    |
| D210  | * G3 | IC4   | M3   | IC202 | H5 | IC321 | B2 | Q301  | * F1 | Q327 | A2   | TP204 | H2   |       |    |
| D211  | F3   | IC5   | M3   | IC203 | J5 | IC323 | E1 | Q302  | D2   | Q328 | * F1 | TP205 | H1   |       |    |



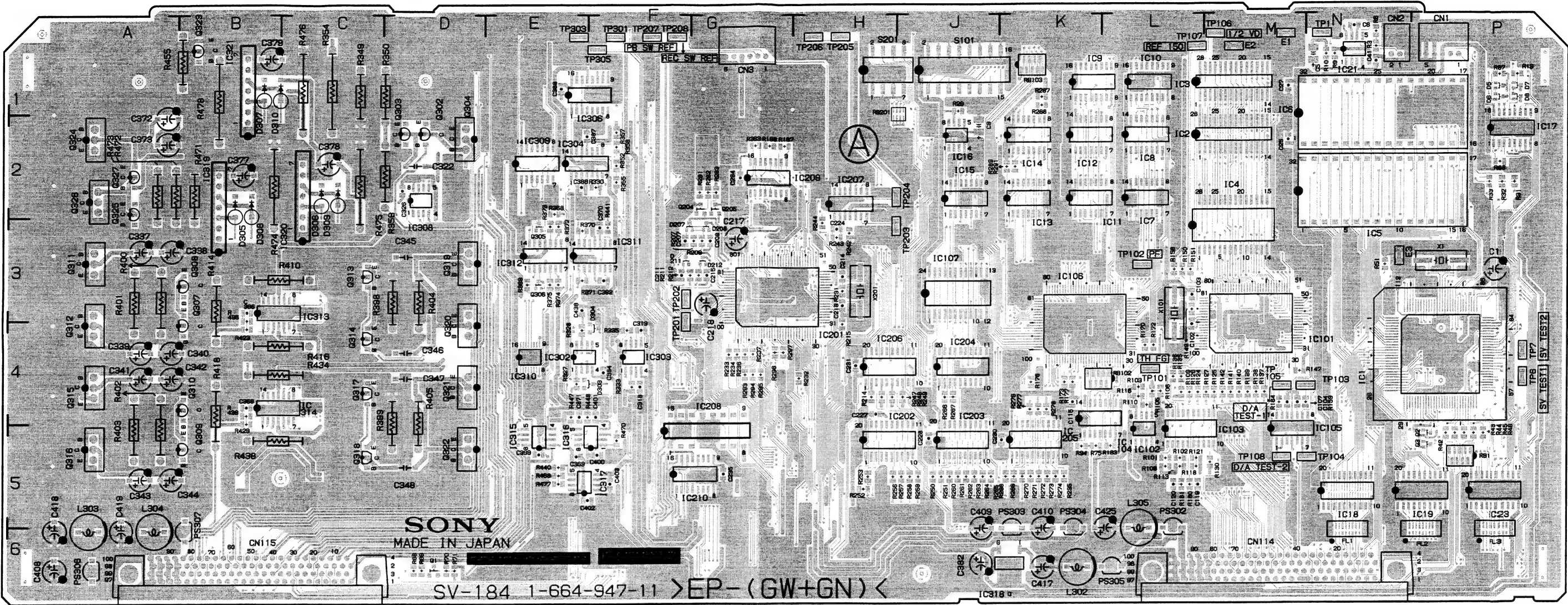
DSR-60/60P

DSR-60/60P



SV-184 -B SIDE-  
SUFFIX : -12  
MODEL DSR-60/60P





SV-184 -A SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P

SV-184 (1-664-947-11)

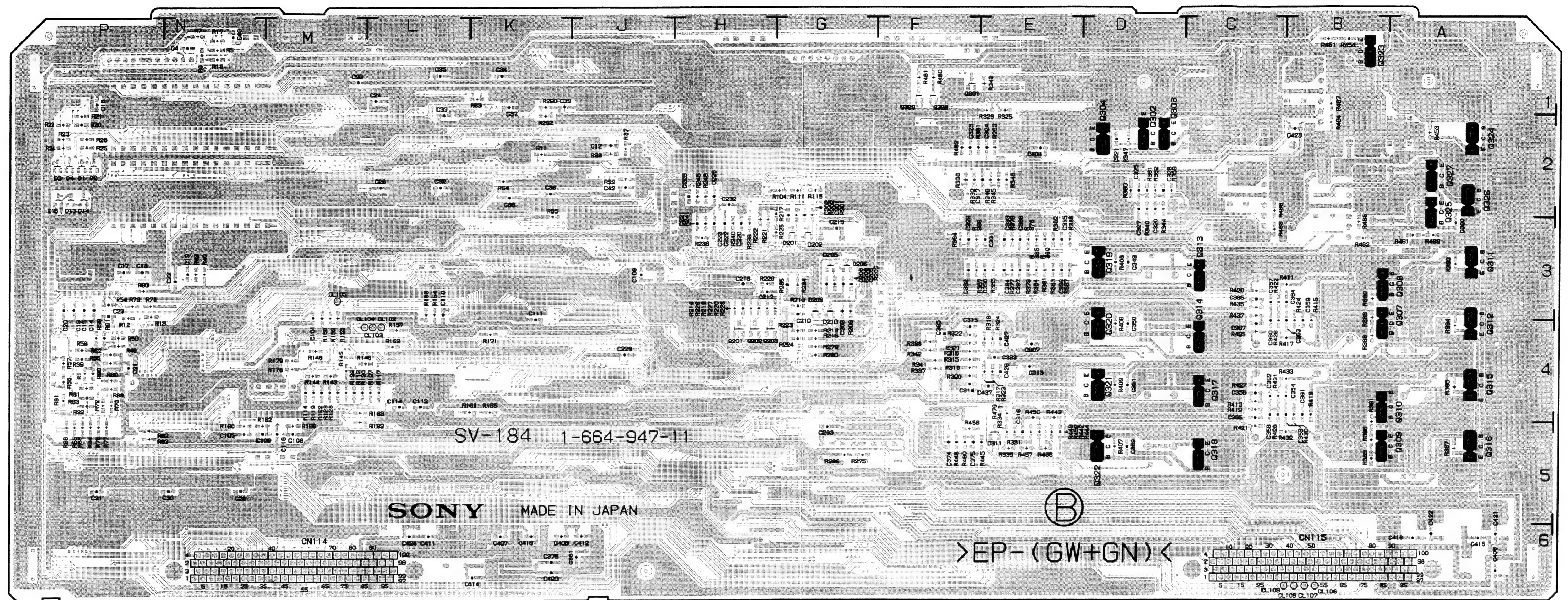
\*: B SIDE

|       |      |      |      |       |    |       |    |       |      |      |      |       |    |
|-------|------|------|------|-------|----|-------|----|-------|------|------|------|-------|----|
| CN1   | P1   | D303 | F4   | IC10  | L1 | IC209 | G2 | PS303 | K6   | Q314 | C4   | TP7   | P4 |
| CN2   | N1   | D304 | F4   | IC11  | K2 | IC210 | G5 | PS304 | K6   | Q315 | A4   | TP101 | L4 |
| CN3   | G1   | D305 | B2   | IC12  | K2 | IC302 | B4 | PS305 | L6   | Q316 | A5   | TP102 | L3 |
| CN114 | N6   | D306 | C2   | IC13  | K2 | IC303 | F4 | PS306 | A6   | Q317 | C4   | TP103 | M4 |
| CN115 | C6   | D307 | B1   | IC14  | K2 | IC304 | E2 | PS307 | B6   | Q318 | C5   | TP104 | M5 |
|       |      | D308 | B2   | IC15  | J2 | IC306 | F1 |       |      | Q319 | D3   | TP105 | M4 |
|       |      | D309 | C2   | IC16  | J2 | IC308 | D2 |       |      | Q320 | D4   | TP106 | M1 |
| D1    | * P2 | D310 | B1   | IC17  | F2 | IC309 | E2 | Q1    | D6   | Q321 | D4   | TP107 | L1 |
| D2    | * P2 | D311 | * E5 | IC18  | N5 | IC310 | E4 | Q2    | P5   | Q322 | D5   | TP108 | M5 |
| D3    | * P2 |      |      | IC19  | P5 | IC311 | F3 | Q201  | * H4 | Q323 | B1   | TP201 | F4 |
| D4    | * P2 |      |      | IC21  | N1 | IC312 | E3 | Q202  | * H4 | Q324 | A2   | TP202 | F3 |
| D5    | P1   | E1   | M1   | IC23  | P5 | IC313 | B3 | Q203  | * H4 | Q325 | A2   | TP203 | H3 |
| D6    | P1   | E2   | M1   | IC101 | M4 | IC314 | B4 | Q204  | G2   | Q326 | A2   | TP204 | H2 |
| D7    | P1   | E3   | N3   | IC102 | L5 | IC315 | E5 | Q205  | G2   | Q327 | A2   | TP205 | H1 |
| D8    | P1   |      |      | IC103 | L5 | IC316 | F5 | Q301  | * F1 | Q328 | * F1 | TP206 | H1 |
| D13   | * P2 | FL1  | N6   | IC104 | K4 | IC317 | E5 | Q302  | D2   | Q329 | * F1 | TP207 | F1 |
| D14   | * P2 | FL2  | P6   | IC105 | M5 | IC318 | K6 | Q303  | D2   |      |      | TP208 | F1 |
| D15   | * P2 | FL3  | P6   | IC106 | K4 | IC319 | B3 | Q304  | D2   |      |      | TP301 | F1 |
| D201  | * G3 |      |      | IC107 | J3 | IC320 | C3 | Q305  | E3   |      |      | TP303 | E1 |
| D202  | * G3 | IC1  | P4   | IC201 | G3 | IC321 | B2 | Q306  | E3   |      |      | TP305 | F1 |
| D205  | * G3 | IC3  | M1   | IC202 | H5 |       |    | Q307  | B4   |      |      |       |    |
| D206  | * G3 | IC4  | M3   | IC203 | J5 | L302  | K6 | Q308  | B3   |      |      |       |    |
| D207  | F3   | IC5  | M3   | IC204 | J4 | L303  | A6 | Q309  | B5   |      |      | X1    | P3 |
| D208  | G3   | IC6  | M2   | IC205 | K5 | L304  | A6 | Q310  | B4   | S101 | J1   | X101  | L3 |
| D209  | * G3 | IC7  | L2   | IC206 | H4 | L305  | L6 | Q311  | A3   | S201 | H1   | X201  | H3 |
| D210  | * G3 | IC8  | L2   | IC207 | H2 |       |    | Q312  | A4   | TP1  | N1   |       |    |
| D211  | F3   | IC9  | K1   | IC208 | F5 | PS302 | L6 | Q313  | C3   | TP6  | P4   |       |    |
| D212  | G3   |      |      |       |    |       |    |       |      |      |      |       |    |



DSR-60/60P

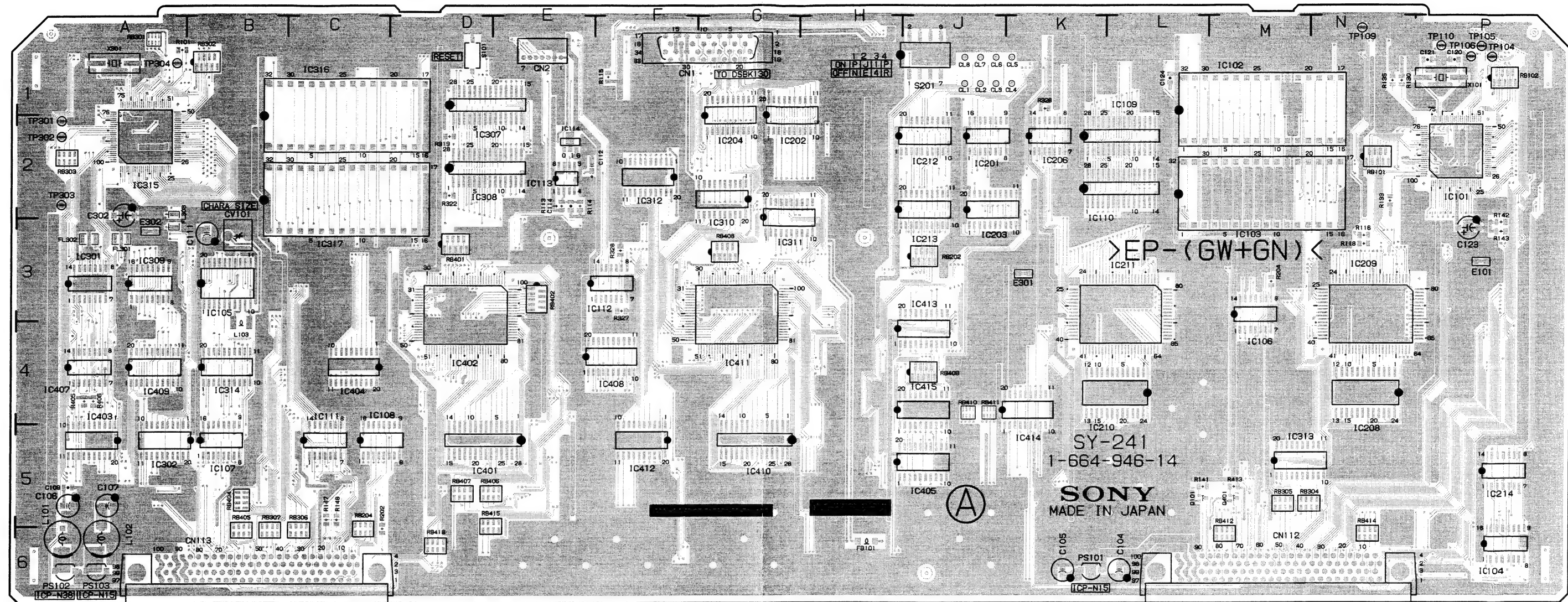
DSR-60/60P



SV-184 -B SIDE-  
SUFFIX : -11  
MODEL DSR-60/60P



## SY-241/241B: SYSTEM CONTROL



**SY-241/241B -A SIDE-**  
SUFFIX : -14  
MODEL DSR-80/80P/60/60P

SY-241/241B (1-664-946-14)

\* : B SIDE

|        |         |       |         |       |         |       |         |             |         |
|--------|---------|-------|---------|-------|---------|-------|---------|-------------|---------|
| CNI102 | L2      | IC107 | B5      | IC312 | F2      | PS103 | A6      | RB413       | D6      |
| CNI103 | L3      | IC108 | C5      | IC313 | M5      |       |         | RB414       | N6      |
| CNI316 | B2      | IC109 | L2      | IC314 | B4      | Q101  | L5      | RB415       | ES (#1) |
| CNI317 | B3      | IC110 | L2      | IC315 | A2      | Q401  | M5      |             |         |
|        |         | IC111 | C5      | IC316 | B2      |       |         | S101        | D1      |
| CN1    | G1      | IC112 | F3      | IC317 | B3      | RB101 | N2      | S201        | J1      |
| CN2    | E1      | IC113 | E2      | IC401 | D5 (#1) | RB102 | P1      |             |         |
| CN112  | N6      | IC114 | E2      | IC402 | D3 (#1) | RB202 | J3      | X101        | P1      |
| CN113  | C6      | IC201 | J2      | IC403 | A5      | RB204 | C6      | X301        | A1      |
|        |         | IC202 | G2      | IC404 | C4 (#1) | RB301 | A1      |             |         |
| CV101  | B3      | IC203 | J2      | IC405 | J5 (#1) | RB302 | B1      | #1: SY-241  |         |
|        |         | IC204 | G2      | IC407 | A4 (#2) | RB303 | A2      | #2: SY-241B |         |
| E101   | P3      | IC206 | K2      | IC408 | F4 (#2) | RB304 | N5      |             |         |
| E301   | K3      | IC208 | N4      | IC409 | A4 (#2) | RB305 | M5      |             |         |
| E302   | A3      | IC209 | N3      | IC410 | G5 (#1) | RB306 | C6      |             |         |
|        |         | IC210 | L4      | IC411 | G3 (#1) | RB307 | B6      |             |         |
| FB101  | H6      | IC211 | L3      | IC412 | F5 (#1) | RB401 | D3 (#1) |             |         |
| FL301  | A3 (#1) | IC212 | J2      | IC413 | J4 (#2) | RB402 | E3      |             |         |
| FL302  | A3      | IC213 | J2      | IC414 | K4      | RB404 | B5 (#1) |             |         |
| FL303  | A3      | IC214 | P5      | IC415 | J4 (#2) | RB405 | B6 (#1) |             |         |
|        |         | IC301 | A3      |       |         | RB406 | E5      |             |         |
| IC101  | P2      | IC302 | A5 (#1) | L101  | A6      | RB407 | D5      |             |         |
| IC102  | L2      | IC307 | D1      | L102  | A6      | RB408 | G3 (#1) |             |         |
| IC103  | L3      | IC308 | D2      | L103  | B4      | RB409 | J4 (#2) |             |         |
| IC104  | P6      | IC309 | A3      |       |         | RB410 | J4      |             |         |
| IC105  | B3      | IC310 | G2      | PS101 | K6      | RB411 | J4      |             |         |
| IC106  | M3      | IC311 | G3      | PS102 | A6      | RB412 | M6 (#1) |             |         |

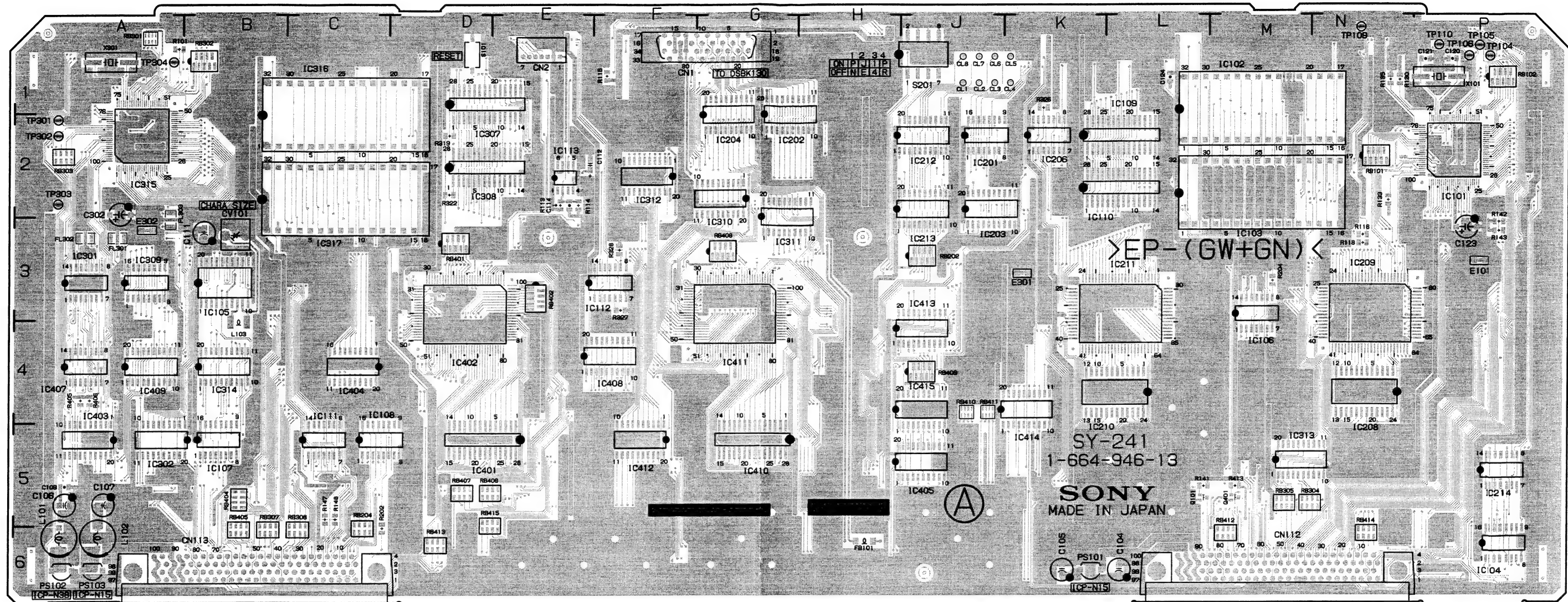




SUFFIX : -14  
MODEL DSR-80/80P/60/60P



## SY-241/241B: SYSTEM CONTROL



**SY-241/241B -A SIDE-**  
SUFFIX : -13  
MODEL DSR-80/80P/60/60P

SY-241/241B (1-664-946-13)

\* : B SIDE

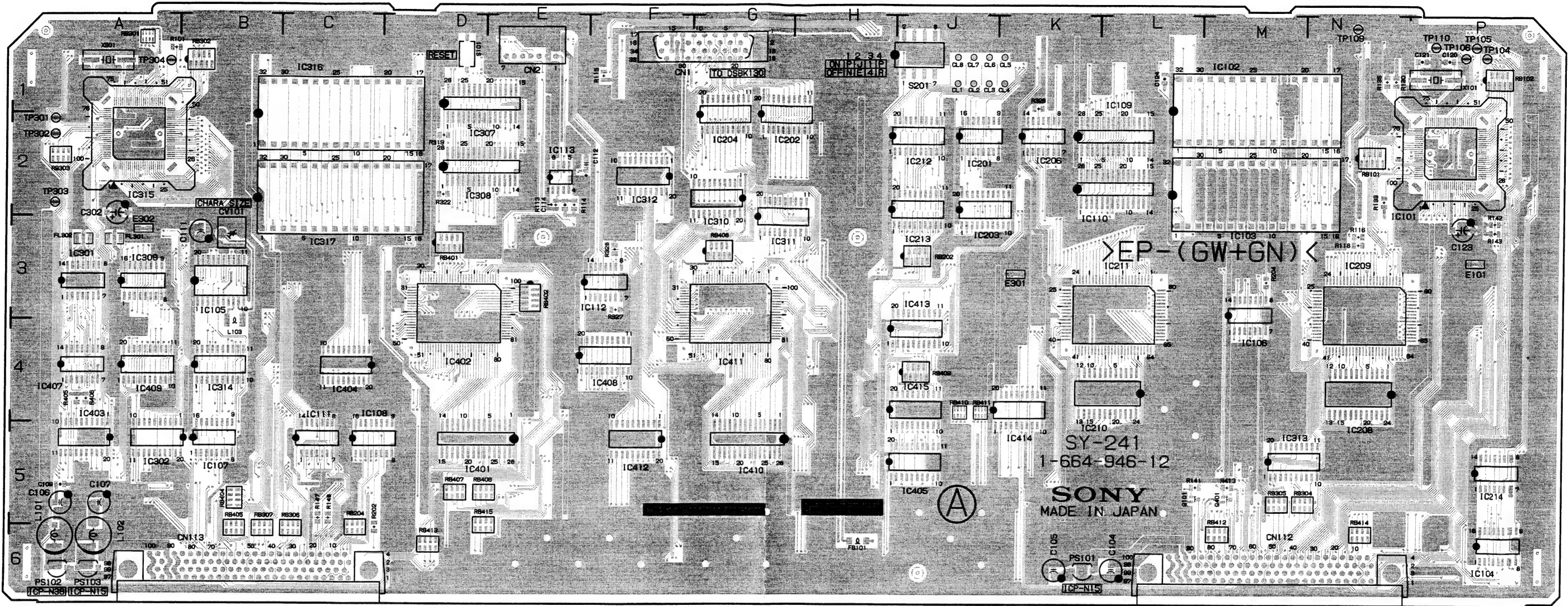
|        |         |       |         |       |         |       |         |             |         |
|--------|---------|-------|---------|-------|---------|-------|---------|-------------|---------|
| CNI101 | P2 (#2) | IC105 | B3      | IC311 | G3      | PS102 | A6      | RB412       | M6 (#1) |
| CNI102 | L2      | IC106 | M3      | IC312 | F2      | PS103 | A6      | RB413       | D6      |
| CNI103 | L3      | IC107 | B5      | IC313 | M5      |       |         | RB414       | N6      |
| CNI315 | A2 (#2) | IC108 | C5      | IC314 | B4      | Q101  | L5      | RB415       | E5 (#1) |
| CNI316 | B2      | IC109 | L2      | IC315 | A2      | Q401  | M5      |             |         |
| CNI317 | B3      | IC110 | L2      | IC316 | B2      |       |         | S101        | D1      |
| CN1    | G1      | IC111 | C5      | IC317 | B3      | RB101 | N2      | S201        | J1      |
| CN2    | E1      | IC112 | F3      | IC401 | D5 (#1) | RB102 | P1      |             |         |
| CNI112 | N6      | IC113 | E2      | IC402 | D3 (#1) | RB202 | J3      | TP104       | P1      |
| CNI113 | C6      | IC201 | J2      | IC403 | A5      | RB204 | C6      | TP105       | P1      |
|        |         | IC202 | G2      | IC404 | C4 (#1) | RB301 | A1      | TP106       | P1      |
| CV101  | B3      | IC203 | J2      | IC405 | J5 (#1) | RB302 | B1      | TP109       | N1      |
|        |         | IC204 | G2      | IC407 | A4 (#2) | RB303 | A2      | TP110       | P1      |
| E101   | P3      | IC206 | K2      | IC408 | F4 (#2) | RB304 | N5      | TP301       | A2      |
| E301   | K3      | IC208 | N4      | IC409 | A4 (#2) | RB305 | M5      | TP302       | A2      |
| E302   | A3      | IC209 | N3      | IC410 | G5 (#1) | RB306 | C6      | TP303       | A2      |
|        |         | IC210 | L4      | IC411 | G3 (#1) | RB307 | B6      | TP304       | A1      |
| FB101  | H6      | IC211 | L3      | IC412 | F5 (#1) | RB401 | D3 (#1) |             |         |
|        |         | IC212 | J2      | IC413 | J4 (#2) | RB402 | E3      | X101        | P1      |
| FL301  | A3 (#1) | IC213 | J2      | IC414 | K4      | RB404 | B5 (#1) | X301        | A1      |
| FL302  | A3      | IC214 | P5      | IC415 | J4 (#2) | RB405 | B6 (#1) |             |         |
| FL303  | A3      | IC301 | A3      |       |         | RB406 | E5      | #1: SY-241  |         |
|        |         | IC302 | A5 (#1) | L101  | A6      | RB407 | D5      | #2: SY-241B |         |
| IC101  | P2      | IC307 | D1      | L102  | A6      | RB408 | G3 (#1) |             |         |
| IC102  | L2      | IC308 | D2      | L103  | B4      | RB409 | J4 (#2) |             |         |
| IC103  | L3      | IC309 | A3      |       |         | RB410 | J4      |             |         |
| IC104  | P6      | IC310 | G2      | PS101 | K6      | RB411 | J4      |             |         |





**SY-241/241B -B SIDE-**  
SUFFIX : -13  
MODEL DSR-80/80P/60/60P





SY-241B -A SIDE-  
SUFFIX : -12  
MODEL DSR-60/60P

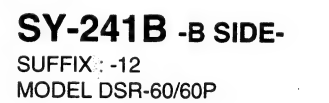
SY-241B (1-664-946-12)

\*: B SIDE

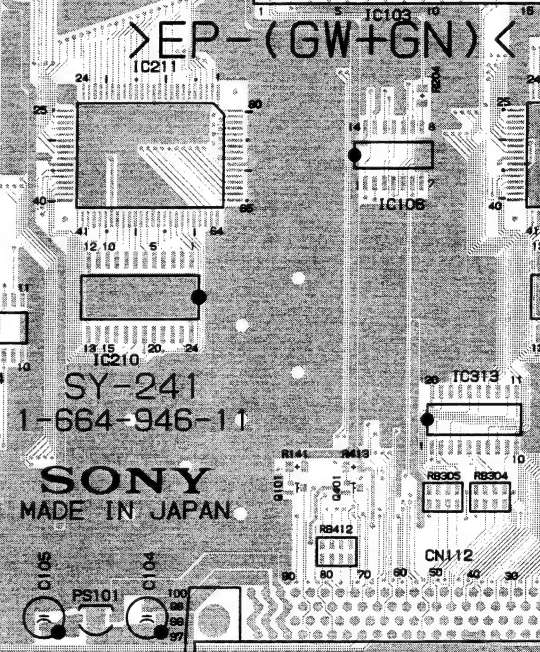
|        |    |       |    |       |    |       |    |       |    |
|--------|----|-------|----|-------|----|-------|----|-------|----|
| CNI101 | P2 | IC107 | B5 | IC314 | B4 | RB301 | A1 | TP304 | A1 |
| CNI102 | L2 | IC108 | C5 | IC315 | A2 | RB302 | B1 | X101  | P1 |
| CNI103 | L3 | IC109 | L2 | IC316 | B2 | RB303 | A2 | X301  | A1 |
| CNI315 | A2 | IC110 | L2 | IC317 | B3 | RB304 | N5 |       |    |
| CNI316 | B2 | IC111 | C5 | IC403 | A5 | RB305 | M5 |       |    |
| CNI317 | B3 | IC112 | F3 | IC407 | A4 | RB306 | C6 |       |    |
| CNI    | G1 | IC113 | E2 | IC408 | F4 | RB307 | B6 |       |    |
| CN2    | E1 | IC201 | J2 | IC409 | A4 | RB402 | E3 |       |    |
| CNI12  | N6 | IC202 | G2 | IC413 | J4 | RB406 | E5 |       |    |
| CNI13  | C6 | IC203 | J2 | IC414 | K4 | RB407 | D5 |       |    |
|        |    | IC204 | G2 | IC415 | J4 | RB409 | J4 |       |    |
| CV101  | B3 | IC206 | K2 |       |    | RB410 | J4 |       |    |
|        |    | IC208 | N4 | L101  | A6 | RB411 | J4 |       |    |
| E101   | P3 | IC209 | N3 | L102  | A6 | RB413 | D6 |       |    |
| E301   | K3 | IC210 | L4 | L103  | B4 | RB414 | N6 |       |    |
| E302   | A3 | IC211 | L3 |       |    |       |    |       |    |
|        |    | IC212 | J2 | PS101 | K6 | S101  | D1 |       |    |
| FB101  | H6 | IC213 | J2 | PS102 | A6 | S201  | J1 |       |    |
|        |    | IC214 | P5 | PS103 | A6 |       |    |       |    |
| FL302  | A3 | IC301 | A3 |       |    | TP104 | P1 |       |    |
|        |    | IC307 | D1 | Q101  | L5 | TP105 | P1 |       |    |
| IC101  | P2 | IC308 | D2 | Q401  | M5 | TP106 | P1 |       |    |
| IC102  | L2 | IC309 | A3 |       |    | TP109 | N1 |       |    |
| IC103  | L3 | IC310 | G2 | RB101 | N2 | TP110 | P1 |       |    |
| IC104  | P6 | IC311 | G3 | RB102 | P1 | TP301 | A2 |       |    |
| IC105  | B3 | IC312 | F2 | RB202 | J3 | TP302 | A2 |       |    |
| IC106  | M3 | IC313 | M5 | RB204 | C6 | TP303 | A2 |       |    |



**DSR-60/60P**







SUFFIX : -11  
MODEL DSR-60/60P

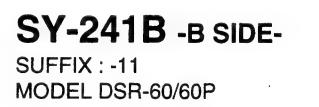
SY-241B (1-664-946-11)

\* : B SIDE

|        |    |       |    |       |    |       |    |       |    |
|--------|----|-------|----|-------|----|-------|----|-------|----|
| CNI101 | P2 | IC109 | L2 | IC315 | A2 | RB301 | A1 | TP302 | A2 |
| CNI102 | L2 | IC110 | L2 | IC316 | B2 | RB302 | B1 | TP303 | A2 |
| CNI103 | L3 | IC111 | C5 | IC317 | B3 | RB303 | A2 | TP304 | A1 |
| CNI315 | A2 | IC112 | F3 | IC403 | A5 | RB304 | N5 |       |    |
| CNI316 | B2 | IC113 | E2 | IC407 | A4 | RB305 | M5 | X101  | P1 |
| CNI317 | B3 | IC201 | J2 | IC408 | F4 | RB306 | C6 | X301  | A1 |
|        |    | IC202 | G2 | IC409 | A4 | RB307 | B6 |       |    |
| CN1    | G1 | IC203 | J2 | IC413 | J4 | RB402 | E3 |       |    |
| CN2    | E1 | IC204 | G2 | IC414 | K4 | RB406 | E5 |       |    |
| CN112  | N6 | IC206 | K2 | IC415 | J4 | RB407 | D5 |       |    |
| CN113  | C6 | IC208 | N4 |       |    | RB409 | J4 |       |    |
|        |    | IC209 | N3 | L101  | A6 | RB410 | J4 |       |    |
| CV101  | B3 | IC210 | L4 | L102  | A6 | RB411 | J4 |       |    |
|        |    | IC211 | L3 | L103  | B4 | RB413 | D6 |       |    |
| E101   | P3 | IC212 | J2 |       |    | RB414 | N6 |       |    |
| E301   | K3 | IC213 | J2 | PS101 | K6 | RB415 | E5 |       |    |
| E302   | A3 | IC214 | F5 | PS102 | A6 |       |    |       |    |
|        |    | IC301 | A3 | PS103 | A6 | S101  | D1 |       |    |
| IC101  | P2 | IC307 | D1 |       |    | S201  | J1 |       |    |
| IC102  | L2 | IC308 | D2 | Q101  | L5 |       |    |       |    |
| IC103  | L3 | IC309 | A3 | Q401  | M5 | TP104 | P1 |       |    |
| IC104  | P6 | IC310 | G2 |       |    | TP105 | P1 |       |    |
| IC105  | B3 | IC311 | G3 | RB101 | N2 | TP106 | P1 |       |    |
| IC106  | M3 | IC312 | F2 | RB102 | P1 | TP109 | N1 |       |    |
| IC107  | B5 | IC313 | M5 | RB202 | J3 | TP110 | P1 |       |    |
| IC108  | C5 | IC314 | B4 | RB204 | C6 | TP301 | A2 |       |    |



**DSR-60/60P**

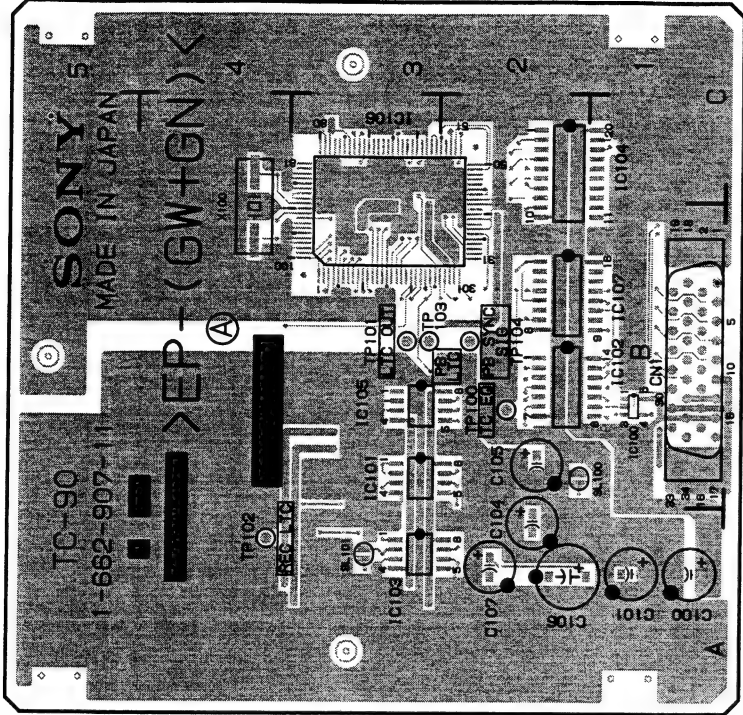


TC-90: EXT TC INPUT/OUTPUT  
TR-93: TENSION SENSOR

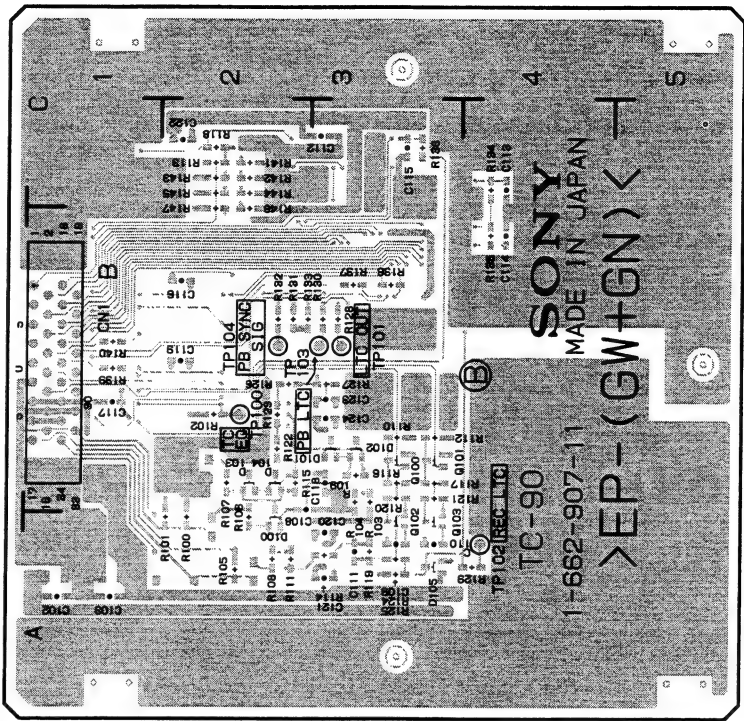
TC-90 (1-662-907-11)

\*: B SIDE

|       |      |
|-------|------|
| CN1   | B1   |
| D100  | * A2 |
| D101  | * B3 |
| D102  | * B3 |
| D103  | * B2 |
| D104  | * B2 |
| D105  | * A3 |
| IC100 | B1   |
| IC101 | B3   |
| IC102 | B2   |
| IC103 | A3   |
| IC104 | C2   |
| IC105 | B3   |
| IC106 | B3   |
| IC107 | B2   |
| Q100  | * B3 |
| Q101  | * B3 |
| Q102  | * A3 |
| Q103  | * A3 |
| X100  | B4   |



TC-90 -A SIDE-  
SUFFIX : -11  
MODEL DSBK-130/130P

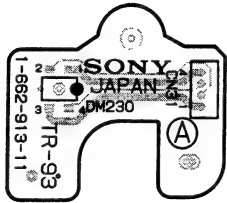


TC-90 -B SIDE-  
SUFFIX : -11  
MODEL DSBK-130/130P

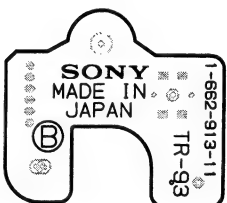
TR-93 (1-662-913-11)

\*: B SIDE

|       |    |
|-------|----|
| CN31  | A1 |
| DM230 | A1 |



TR-93 -A SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



TR-93 -B SIDE-  
SUFFIX : -11  
MODEL DSR-80/80P/60/60P



SECTION 13  
SCHEMATIC DIAGRAMS

DSR-60/60P

| BOARD NAME                 | CIRCUIT FUNCTION  | PAGE   |
|----------------------------|---|--------|
| CC-75                      | CASSETTE COMPARTMENT DOWN 1/2/3 SENSOR<br>CC UP/DOWN MOTOR CONNECTION   | 13-169 |
| CC-76                      | CASSETTE IN 1/2/3 SENSOR  | 13-169 |
| CP-276B                    | ANALOG VIDEO IN/OUT, TC OUT, AUDIO MONITOR  | 13-3   |
| CP-281B/281C               | ANALOG AUDIO OUT  | 13-4   |
| DV-17/17A                  | VIDEO DIGITAL OUT PROCESS,<br>AUDIO ANALOG/DIGITAL OUT PROCESS  | 13-44  |
| FP-75                      | SUB PANEL MENU KEY/AUDIO MONITOR SWITCH,<br>SYNC/SC PHASE ADJUST  | 13-177 |
| HP-73                      | HEADPHONE VOLUME/CONNECTOR, SIRCS CONNECTOR   | 13-177 |
| IO-149B/149C               | VIDEO ANALOG OUT PROCESS, REF SIGNAL GEN,<br>VIDEO OUT DRIVER   | 13-62  |
| KY-336B                    | KEY SWITCH, FL DISPLAY/DRIVE  | 13-80  |
| MB-713                     | MOTHER BOARD, REMOTE CONNECTOR  | 13-158 |
| MS-43                      | DRUM/CAPSTAN MOTOR DRIVE, CAPSTAN FG AMP,<br>TAPE TOP/END SENSOR AMP, REEL POSITION SENSOR,<br>SV DATA MEMORY | 13-84  |
| PRE-39                     | PB DIGITAL PROCESS  | 13-89  |
| PTC-84                     | THREAD/UNTHREAD END SENSOR,<br>PINCH SOL/CLEAN SOL/DEW CONNECTION   | 13-175 |
| PTC-85                     | TAPE TOP SENSOR   | 13-175 |
| PTC-86                     | TAPE END SENSOR, TENSION SENSOR CONNECTION  | 13-175 |
| PTC-87                     | TAPE TOP/END LED  | 13-175 |
| PTC-88                     | THREADING FG SENSOR, THREADING MOTOR CONNECTION   | 13-175 |
| RM-159                     | S REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 13-175 |
| RM-160                     | T REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 13-175 |
| RP-103                     | PB HEAD AMP, RF A/D   | 13-104 |
| SDI-26A<br>(DSBK-110/110P) | QSDI OUTPUT INTERFACE   | 13-109 |
| SDI-28<br>(DSBK-100/100P)  | SDI OUTPUT INTERFACE  | 13-124 |
| SE-315                     | S REEL FG SENSOR  | 13-175 |
| SE-361                     | T REEL FG SENSOR  | 13-175 |
| SV-184                     | SERVO MAIN CONTROL  | 13-127 |
| SY-241B                    | SYSTEM CONTROL  | 13-136 |
| TC-90<br>(DSBK-130/130P)   | EXTERNAL TIME CODE OUT  | 13-145 |
| TR-93                      | TEN-REG ARM POSITION SENSOR   | 13-175 |

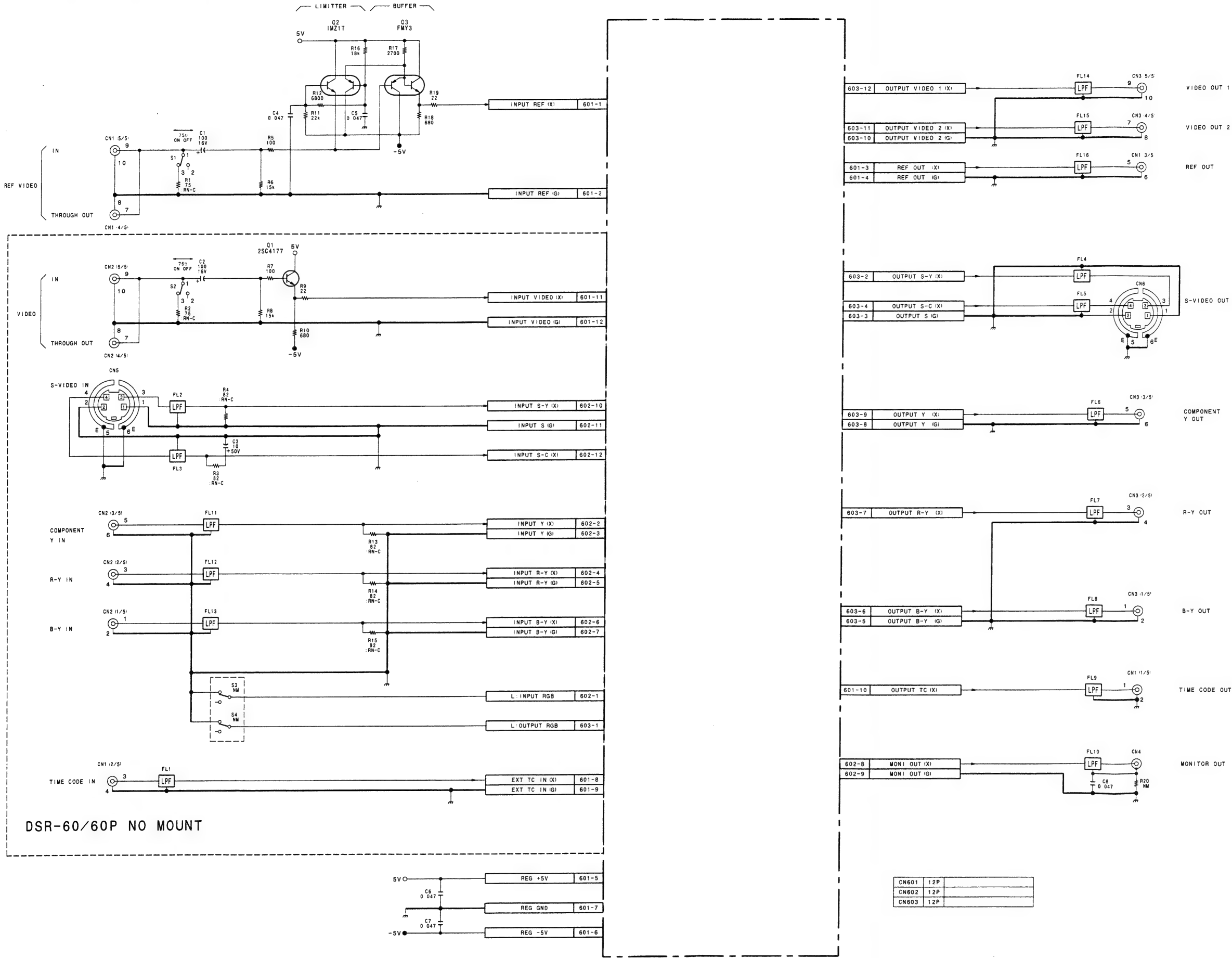
DSR-80/80P

| BOARD NAME                                   | CIRCUIT FUNCTION  | PAGE   |
|--|---|--------|
| CC-75  | CASSETTE COMPARTMENT DOWN 1/2/3 SENSOR<br>CC UP/DOWN MOTOR CONNECTION   | 13-179 |
| CC-76  | CASSETTE IN 1/2/3 SENSOR  | 13-179 |
| CP-276A                                      | ANALOG VIDEO IN/OUT, TC IN/OUT, AUDIO MONITOR   | 13-3   |
| CP-281/281J                                  | ANALOG AUDIO IN/OUT, AES/EBU IN/OUT, BAL → UNBAL,<br>AUDIO IN LEVEL SELECT                                    | 13-4   |
| DA-119                                       | AUDIO ANALOG/DIGITAL IN/OUT PROCESS   | 13-6   |
| DV-15/15A                                    | VIDEO DIGITAL IN/OUT PROCESS  | 13-22  |
| FP-75  | SUB PANEL MENU KEY/AUDIO MONITOR SWITCH,<br>SYNC/SC PHASE ADJUST  | 13-182 |
| HP-73  | HEADPHONE VOLUME/CONNECTOR, SIRCS CONNECTOR   | 13-182 |
| IO-149/149A                                  | VIDEO ANALOG IN/OUT PROCESS, REF SIGNAL GEN,<br>VIDEO IN/OUT DRIVER   | 13-62  |
| KY-336                                       | KEY SWITCH, AUDIO REC VOLUME, FL DISPLAY/DRIVE  | 13-80  |
| MB-712                                       | MOTHER BOARD, REMOTE CONNECTOR  | 13-146 |
| MS-43  | DRUM/CAPSTAN MOTOR DRIVE, CAPSTAN FG AMP,<br>TAPE TOP/END SENSOR AMP, REEL POSITION SENSOR,<br>SV DATA MEMORY | 13-84  |
| PRE-34                                       | REC/PB DIGITAL PROCESS  | 13-86  |
| PTC-84                                       | THREAD/UNTHREAD END SENSOR,<br>PINCH SOL/CLEAN SOL/DEW CONNECTION   | 13-179 |
| PTC-85                                       | TAPE TOP SENSOR   | 13-179 |
| PTC-86                                       | TAPE END SENSOR, TENSION SENSOR CONNECTION  | 13-179 |
| PTC-87                                       | TAPE TOP/END LED  | 13-179 |
| PTC-88                                       | THREADING FG SENSOR, THREADING MOTOR CONNECTION   | 13-179 |
| RM-159                                       | S REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 13-179 |
| RM-160                                       | T REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION   | 13-179 |
| RP-101                                       | REC/PB HEAD AMP, RF A/D   | 13-90  |
| SDI-26                                       | QSDI INPUT/OUTPUT INTERFACE   | 13-109 |
| SDI-27<br>(DSBK-120/120P)                    | SDI INPUT INTERFACE   | 13-120 |
| SDI-28<br>(DSBK-100/100P)<br>(DSBK-120/120P) | SDI OUTPUT INTERFACE  | 13-124 |
| SE-315                                       | S REEL FG SENSOR  | 13-179 |
| SE-361                                       | T REEL FG SENSOR  | 13-179 |
| SV-184                                       | SERVO MAIN CONTROL  | 13-127 |
| SY-241                                       | SYSTEM CONTROL  | 13-136 |
| TC-90<br>(DSBK-130/130P)                     | EXTERNAL TIME CODE IN/OUT   | 13-145 |
| TR-93  | TEN-REG ARM POSITION SENSOR   | 13-179 |



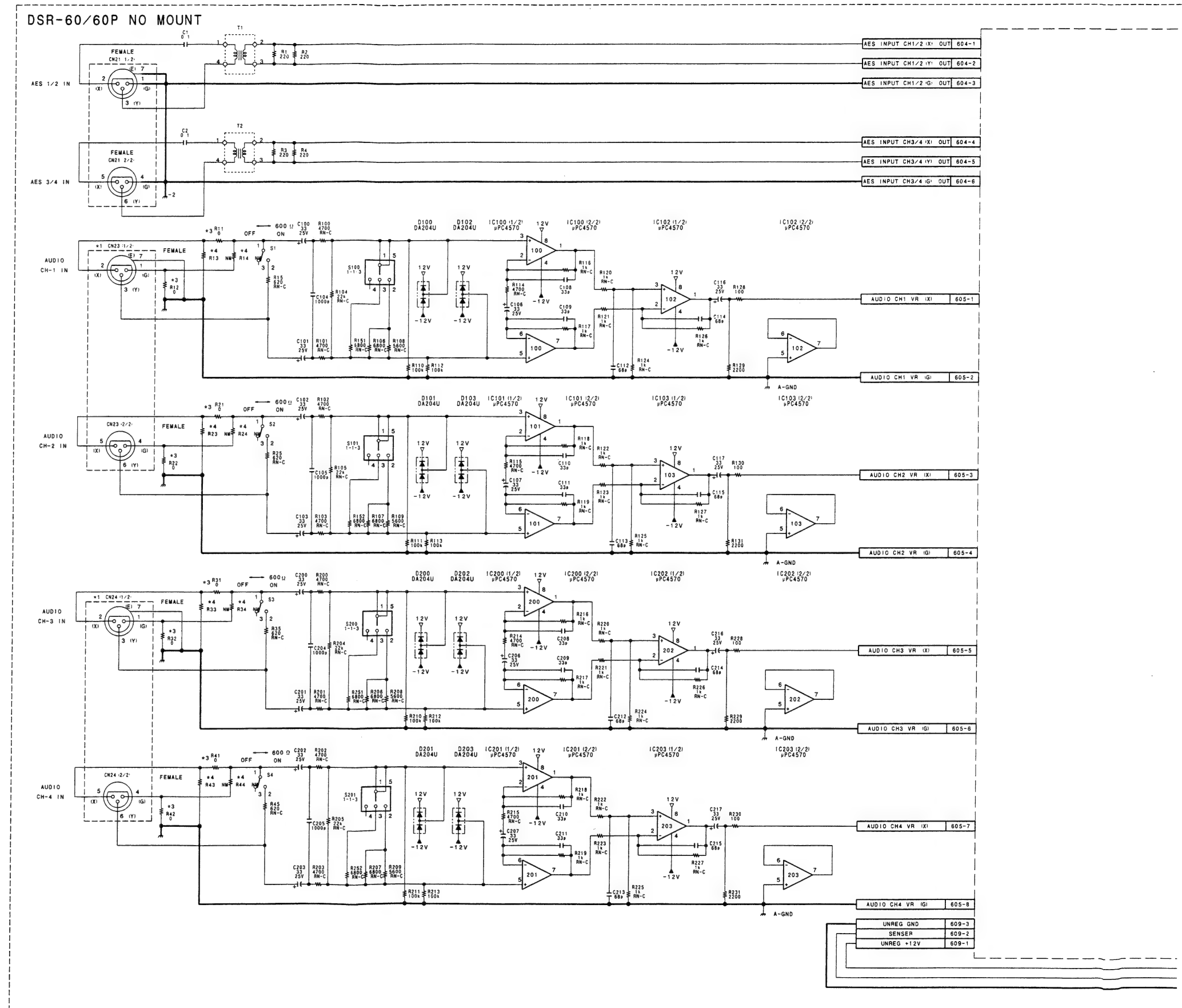


CP-276A/276B: VIDEO/TC CONNECTOR

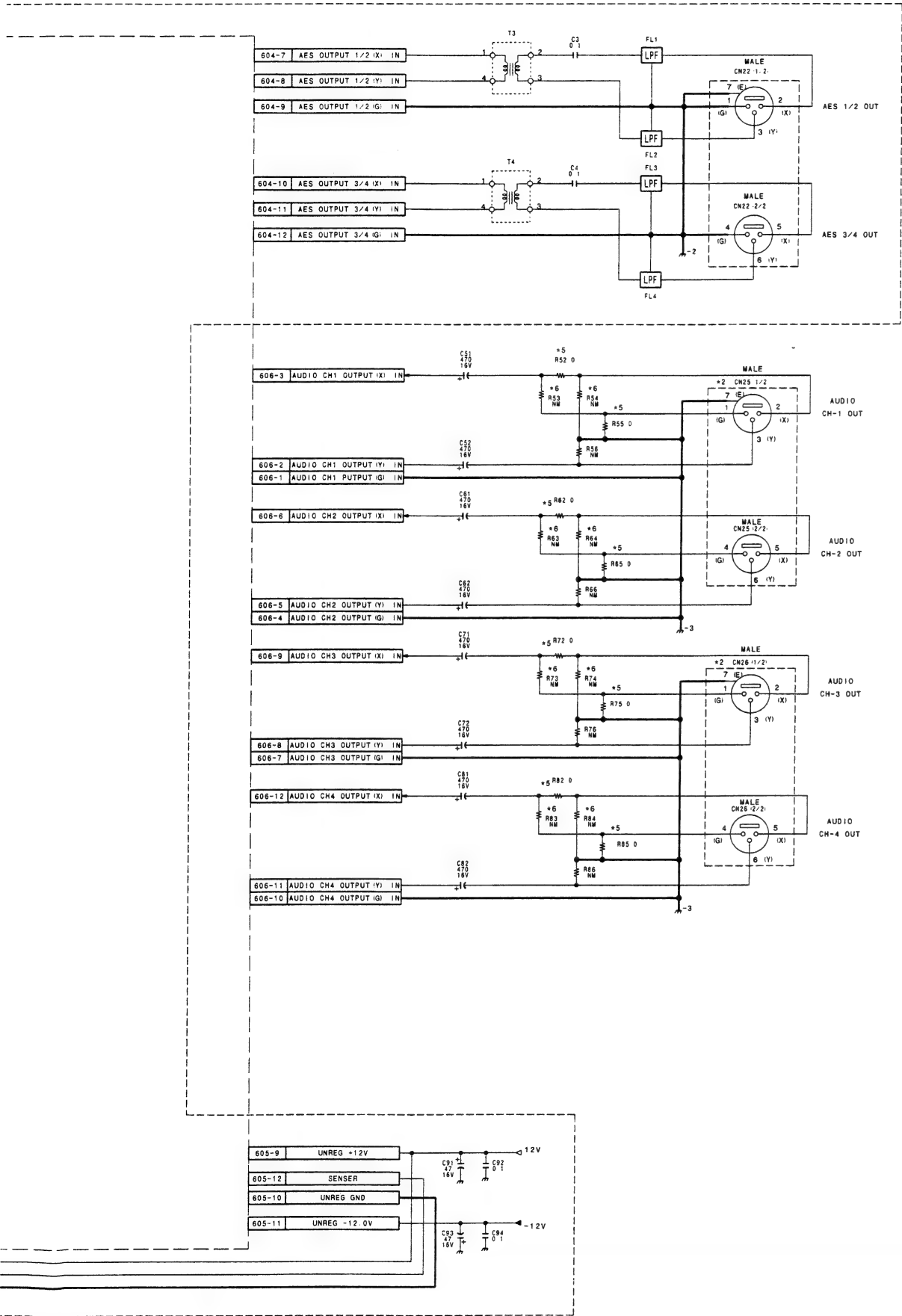


DSR-80/80P/60/60P

CP-281B/281C: ANALOG AUDIO OUT (DSR-60/60P)  
CP-281/281J: ANALOG AUDIO IN/OUT (DSR-80/80P)







|    | REF No                       | UC CE  | J      |
|----|------------------------------|--------|--------|
| *1 | CN23 24                      | FEMALE | MALE   |
| *2 | CN25 26                      | MALE   | FEMALE |
| *3 | R11 21 31 41<br>R12 22 32 42 | 0      | N M    |
| *4 | R13 23 33 43<br>R14 24 34 44 | N M    | 0      |
| *5 | R52 62 72 82<br>R55 65 75 85 | 0      | N M    |
| *6 | R53 63 73 83<br>R54 64 74 84 | N M    | 0      |

CP-281/281B/281C/281J  
MODEL DSR-80/80P/60/60P

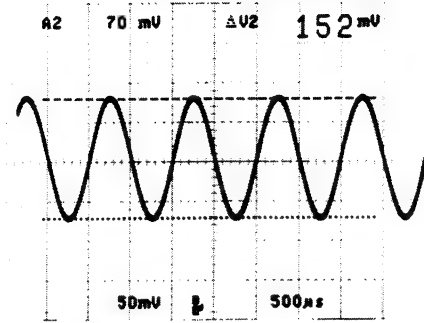
## DA-119 (1/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

DSR-80/80P

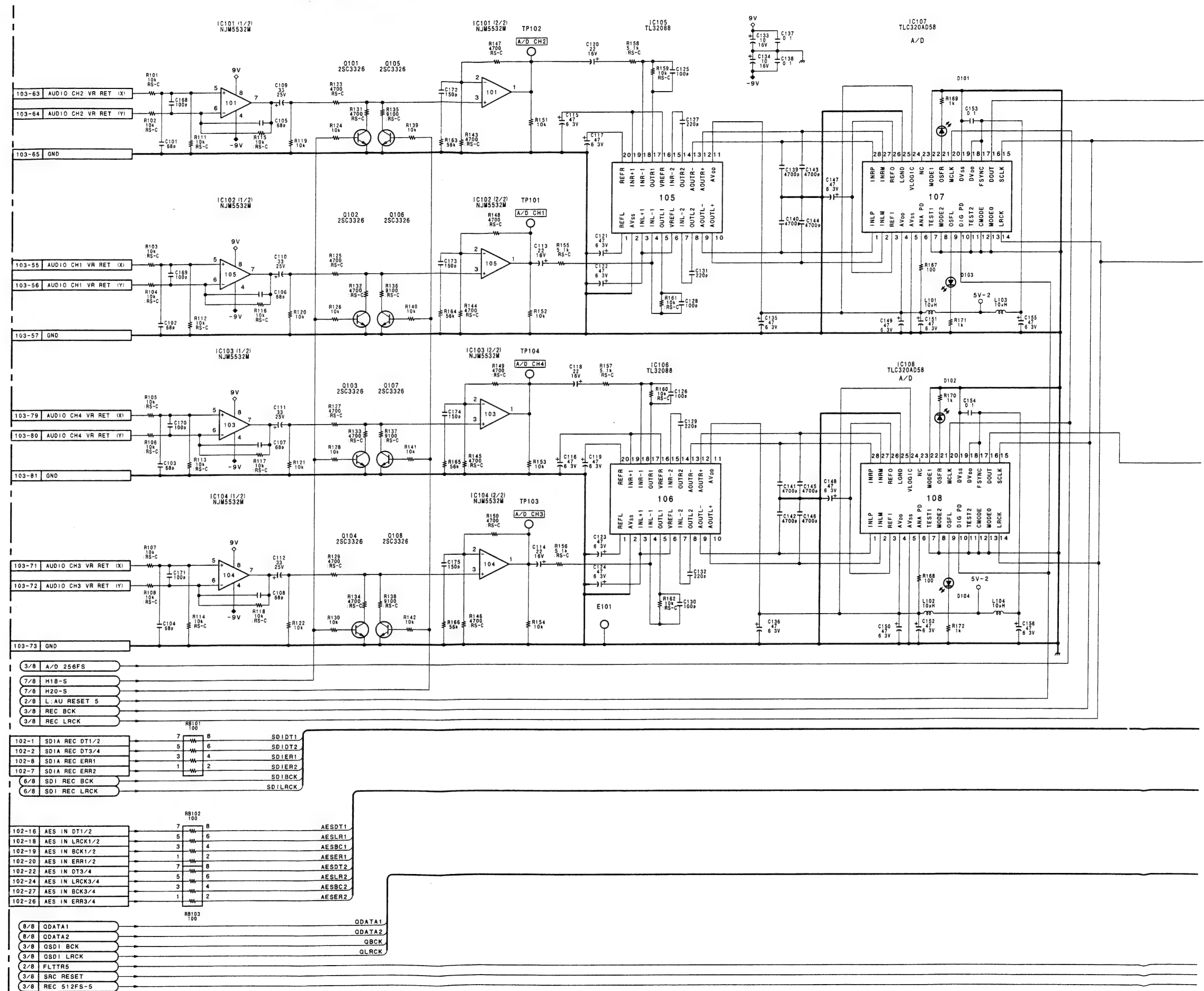
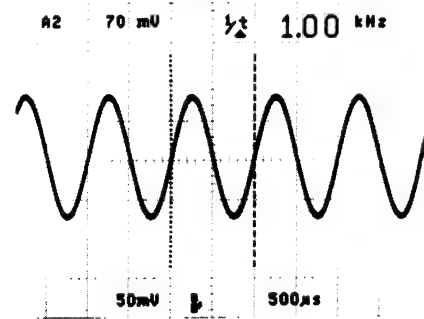
DSR-80/80P

DA-119 (1/8)

① TP101~TP104 Reference Level Input



① TP101~104 Reference Level Input

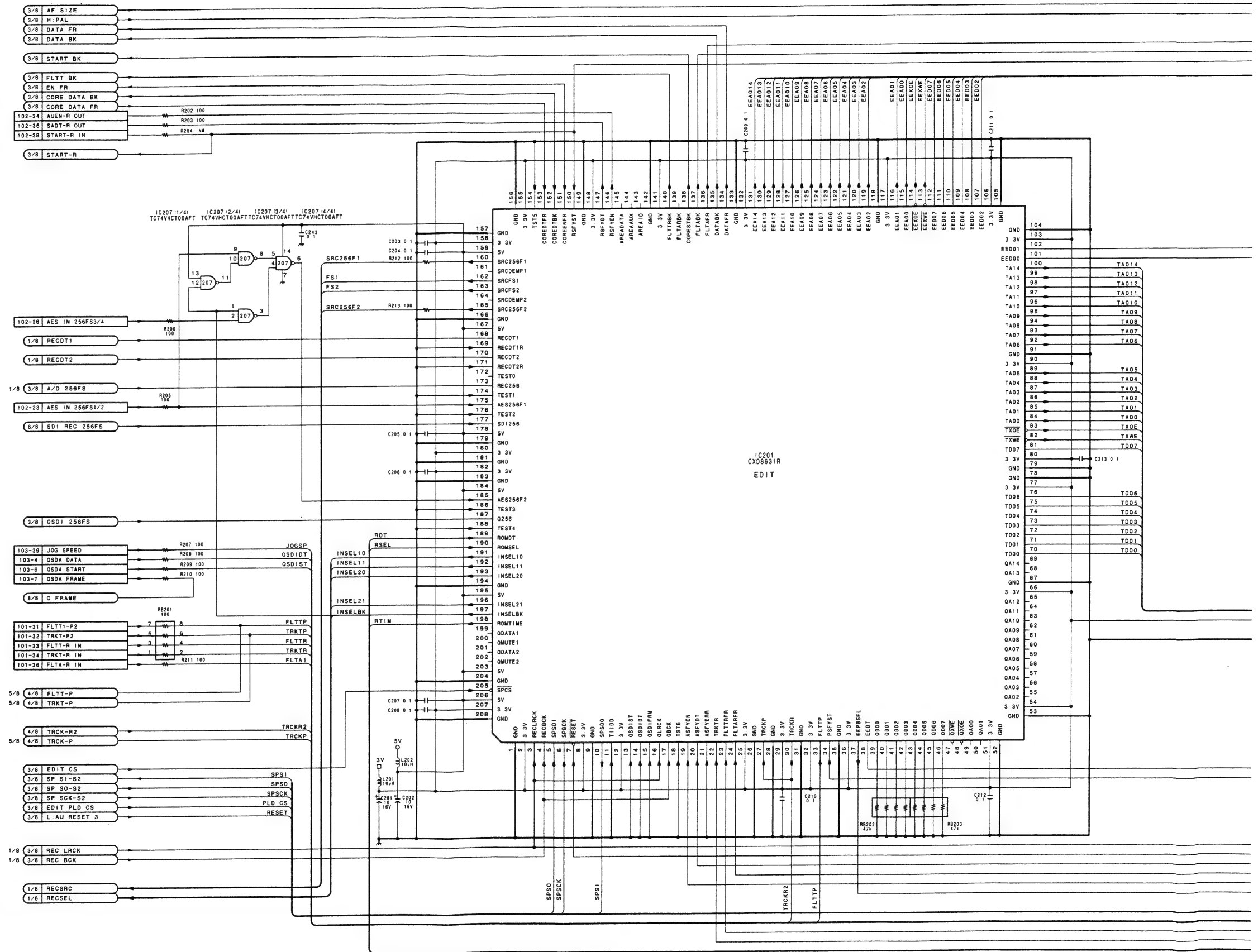


DSR-80/80P

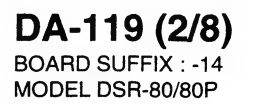


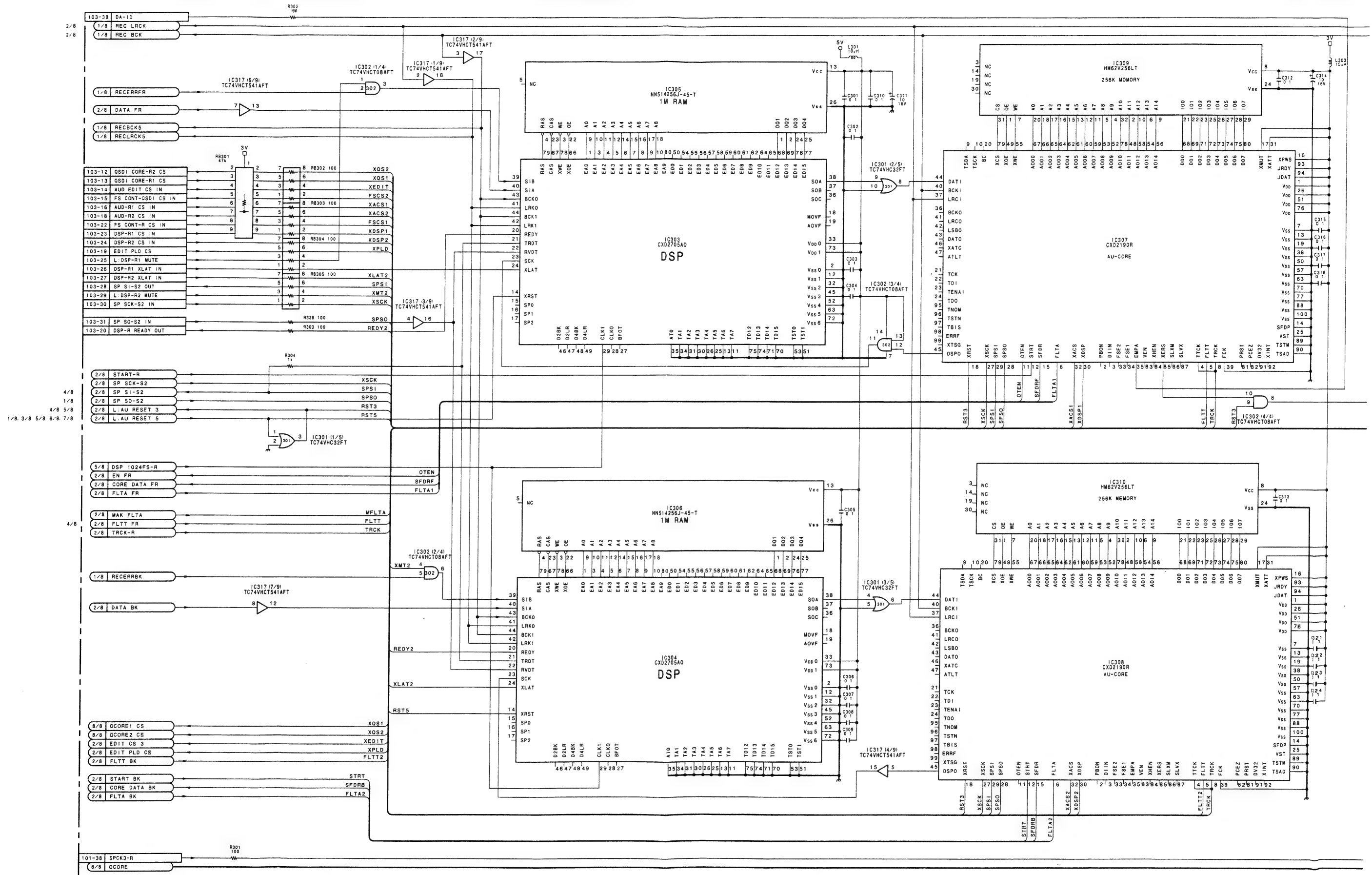
**DSR-80/80P**

**P**







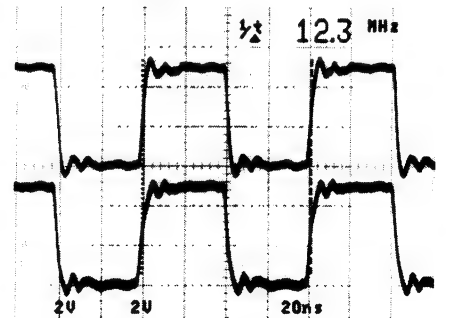
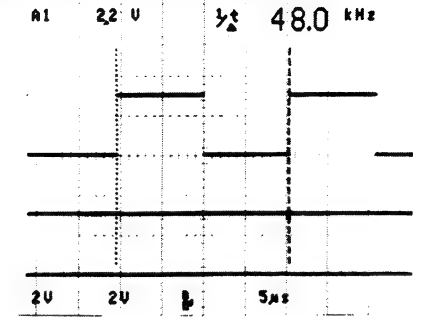


13-10 (b)

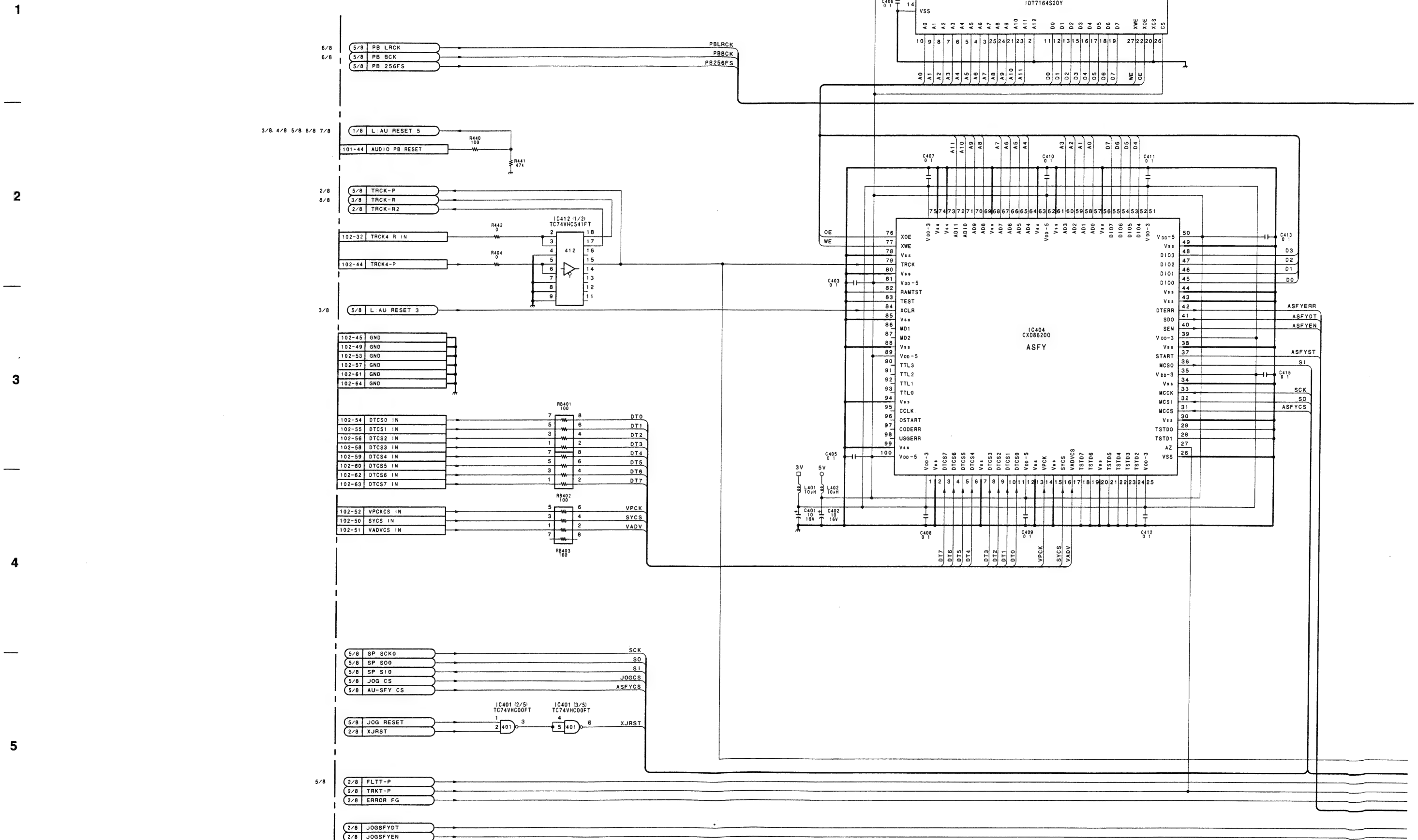
13-10 (b)

DSR-80/80P



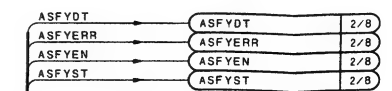


NY-SP0754 / DRUCK 127

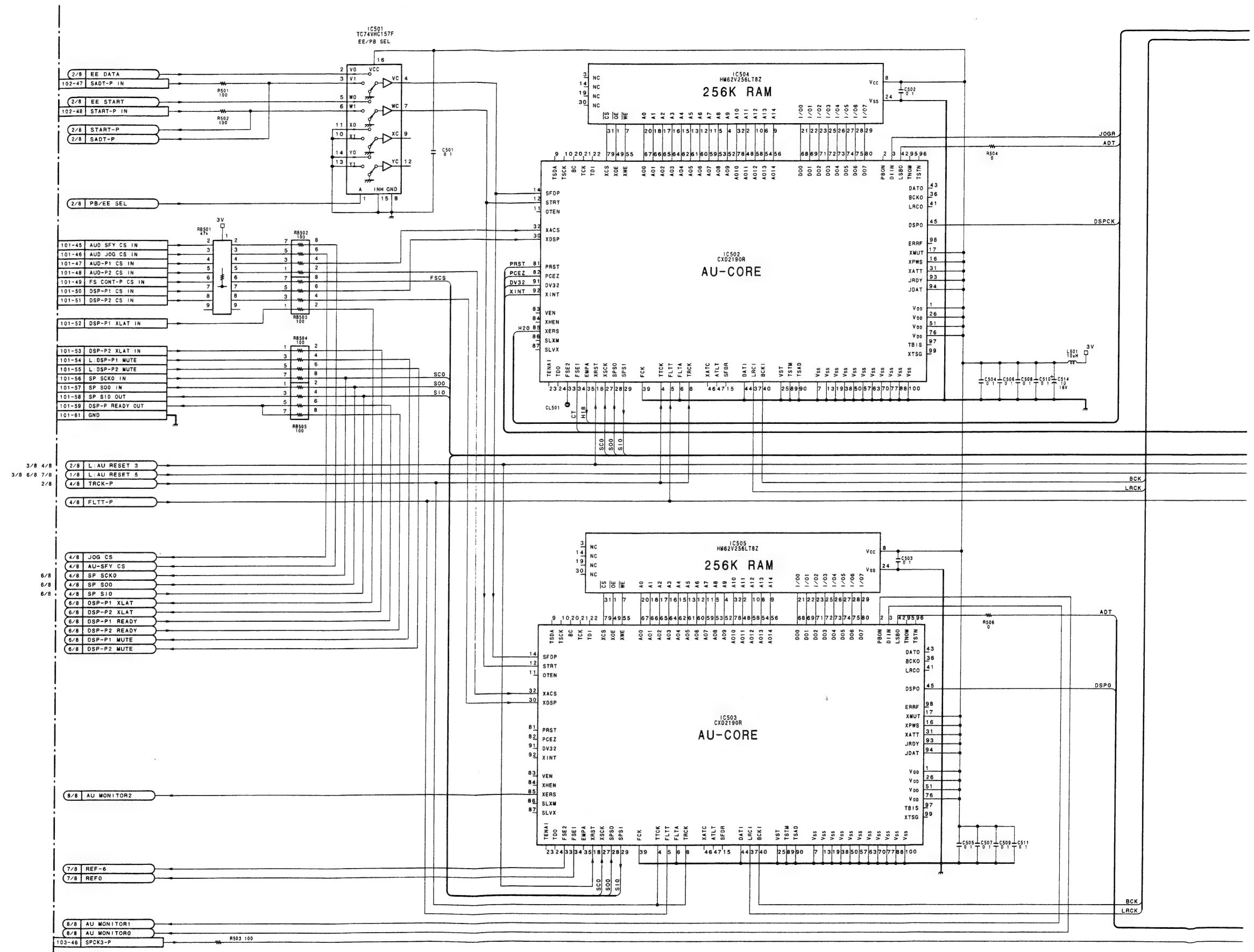


13-12 (b)

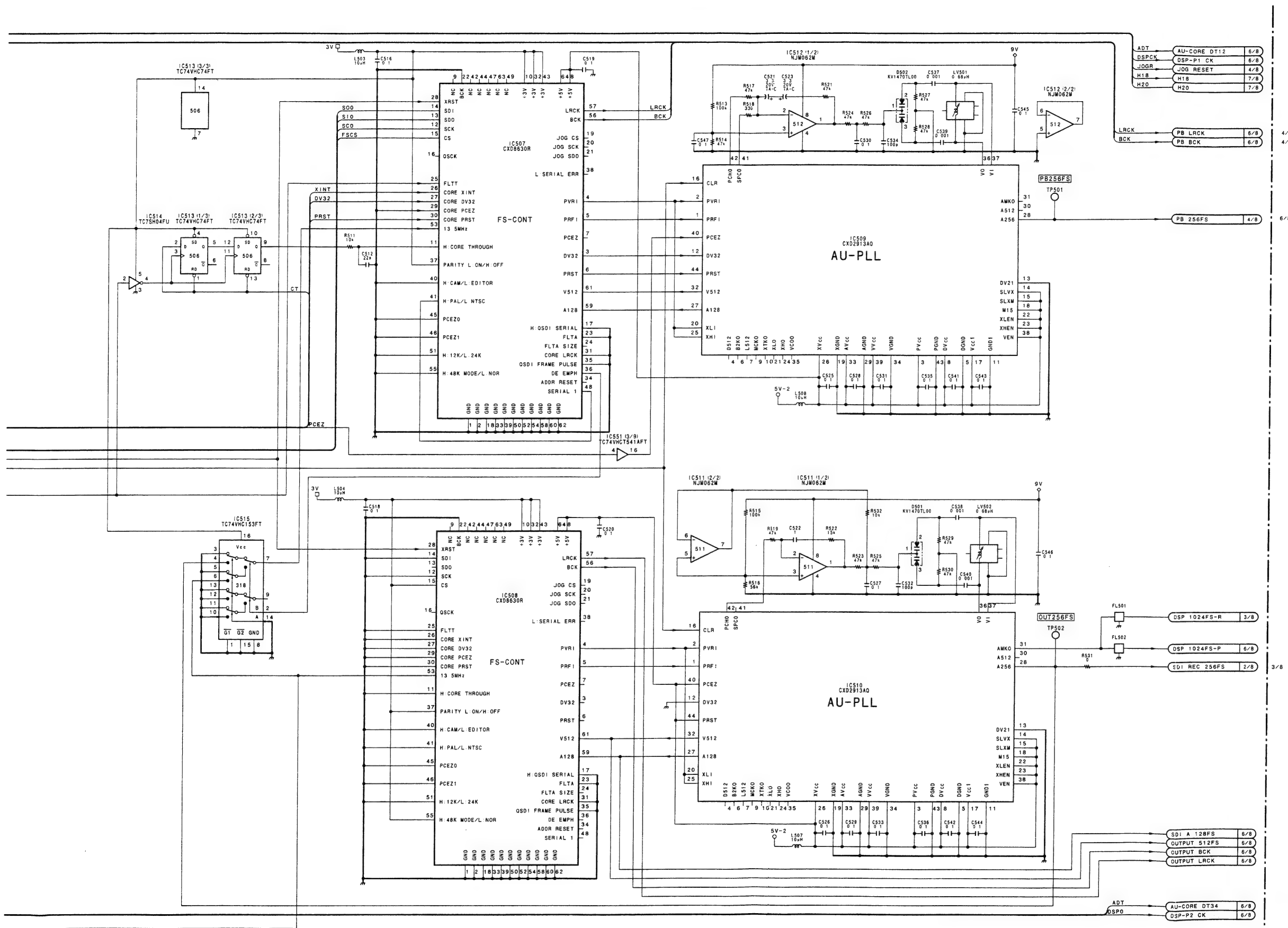




**P**

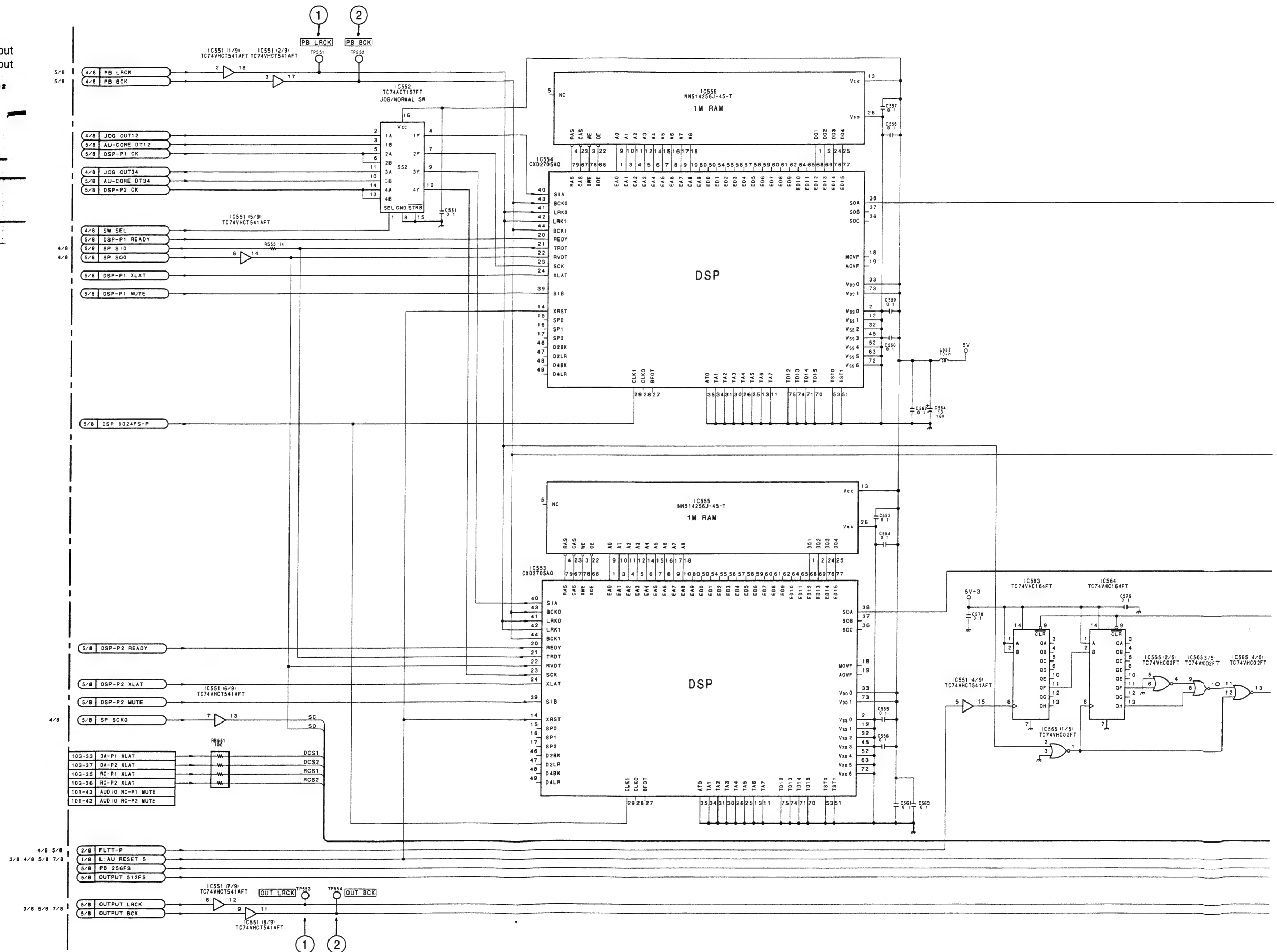
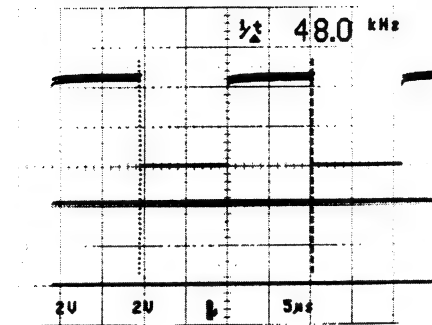






## DA-119 (6/8)

- ① TP551 & TP553 Reference Level Input  
② TP552 & TP554 Reference Level Input

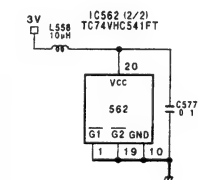
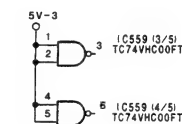
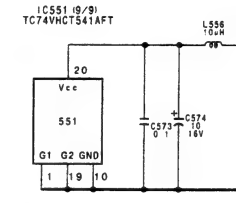
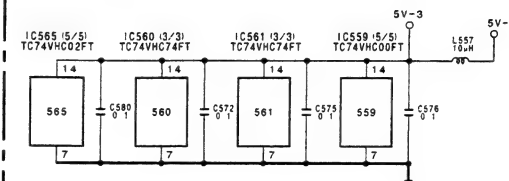
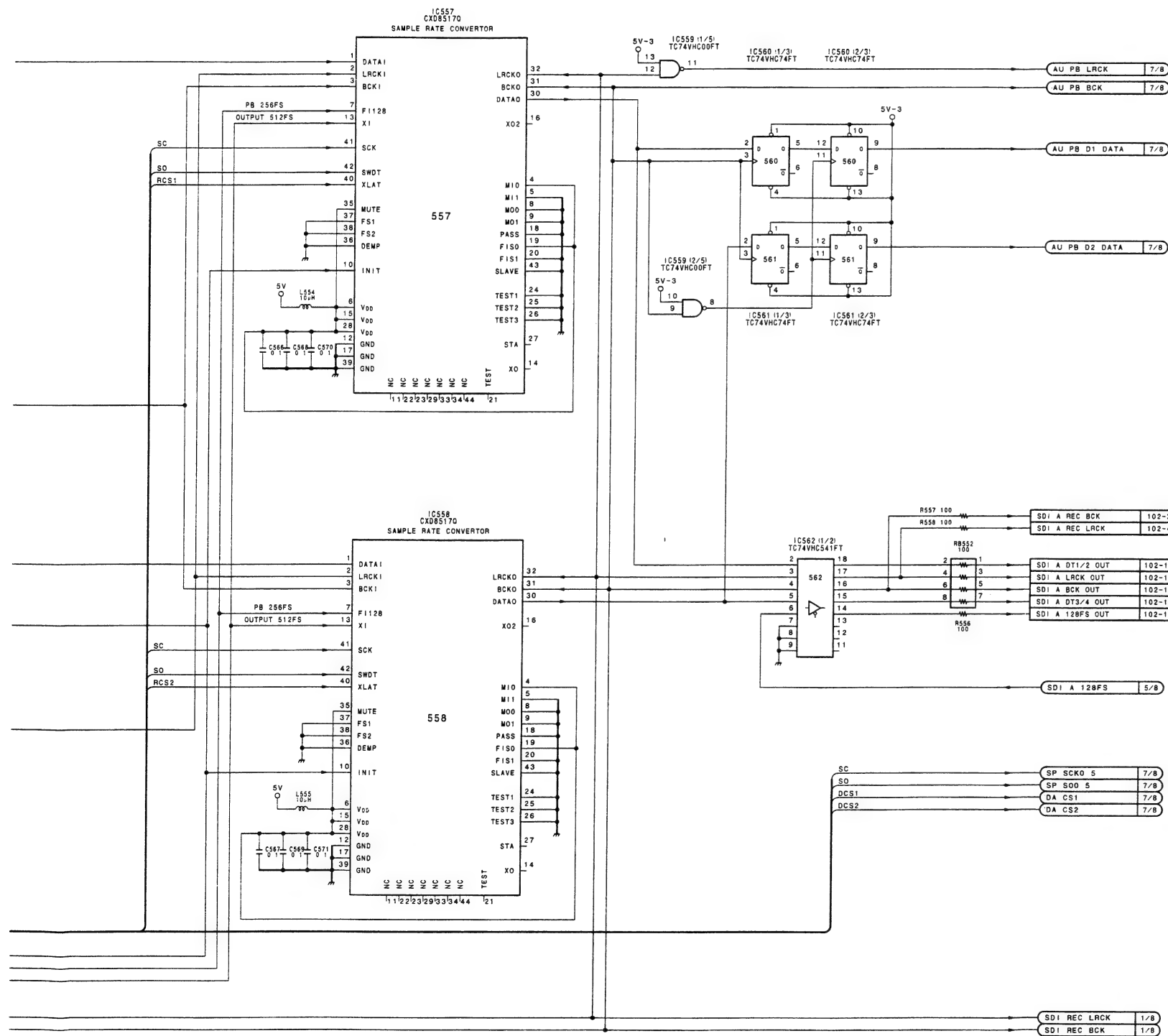


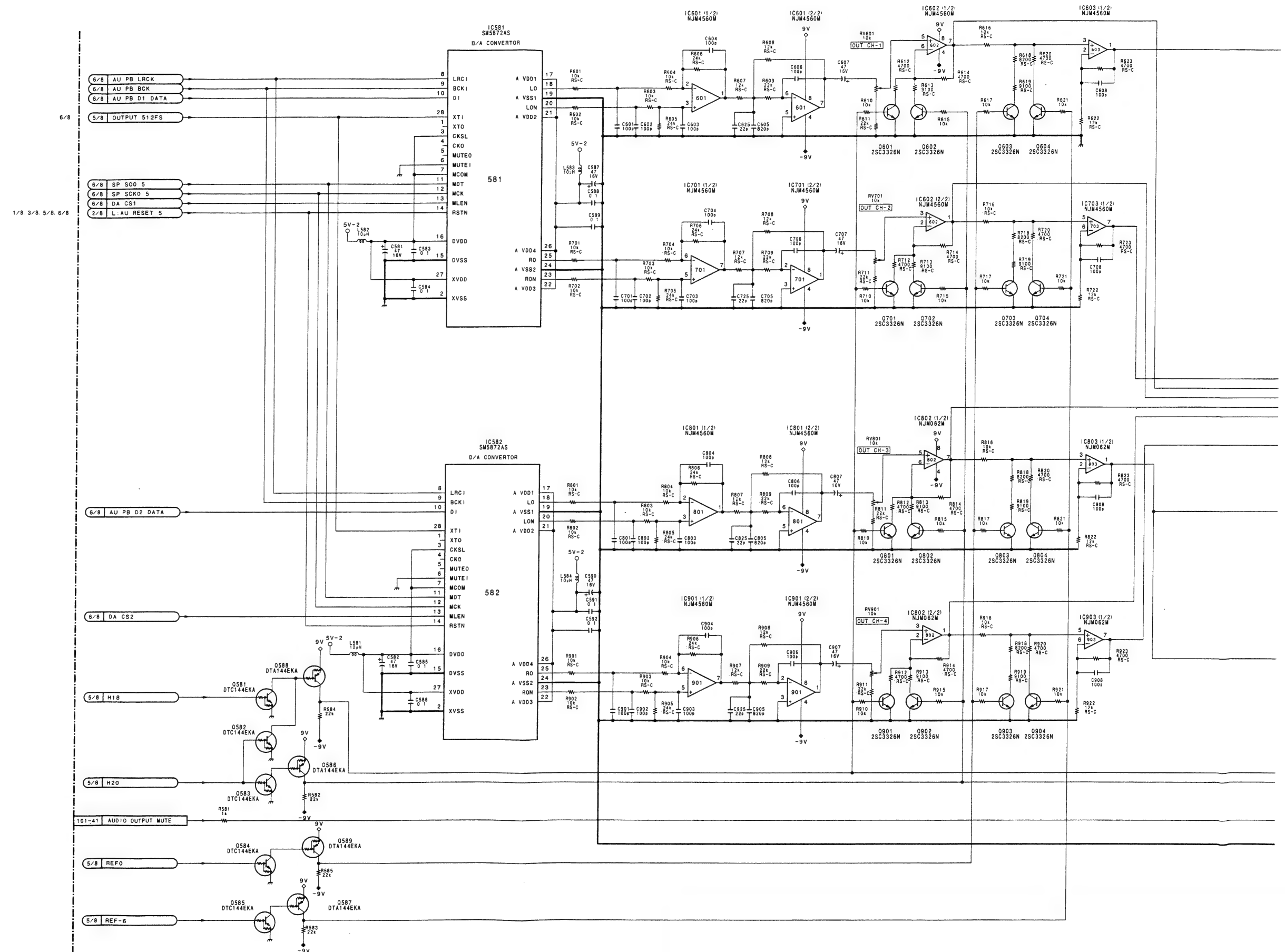
13-16 (b)

13-16 (b)

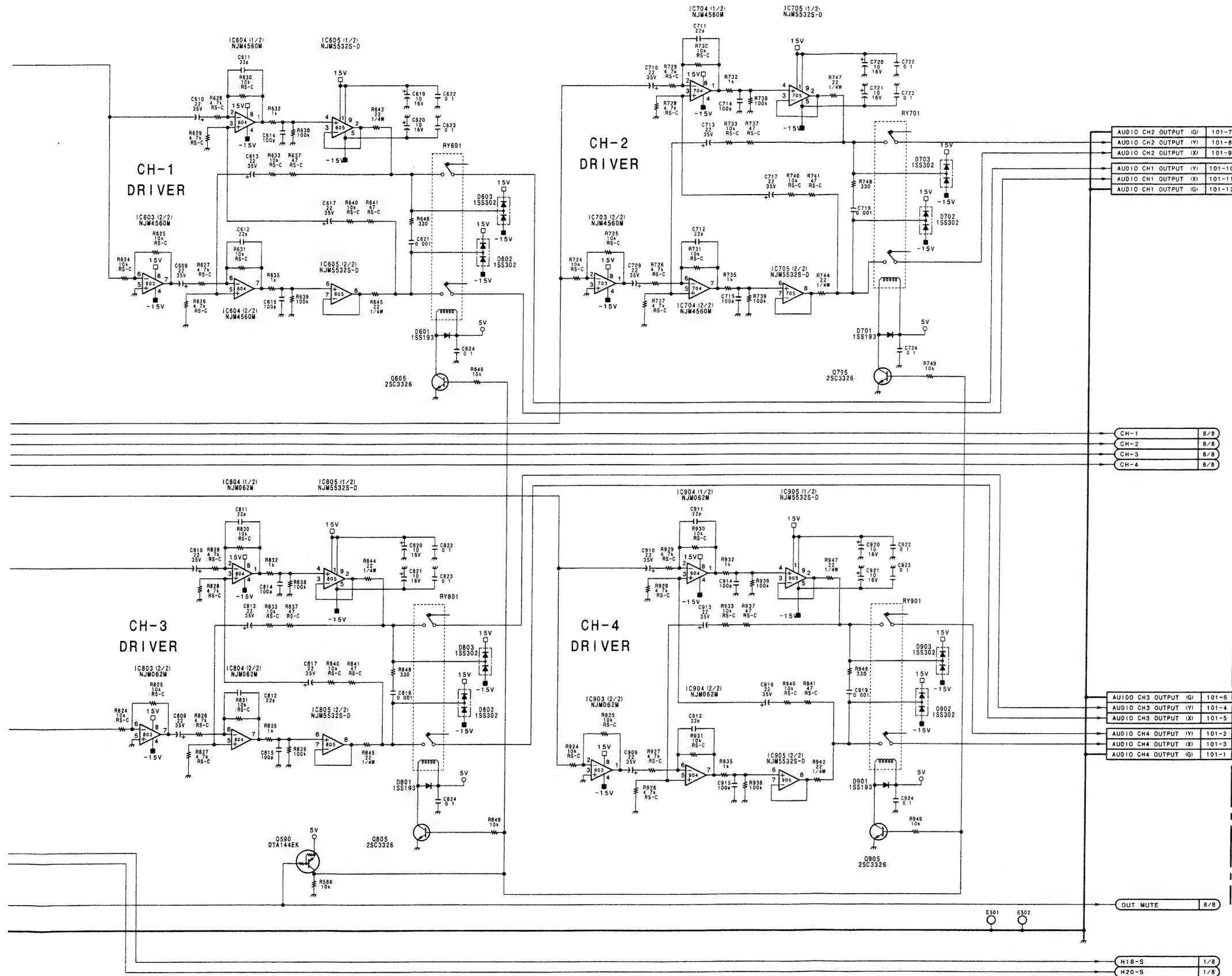
DSR-80/80P

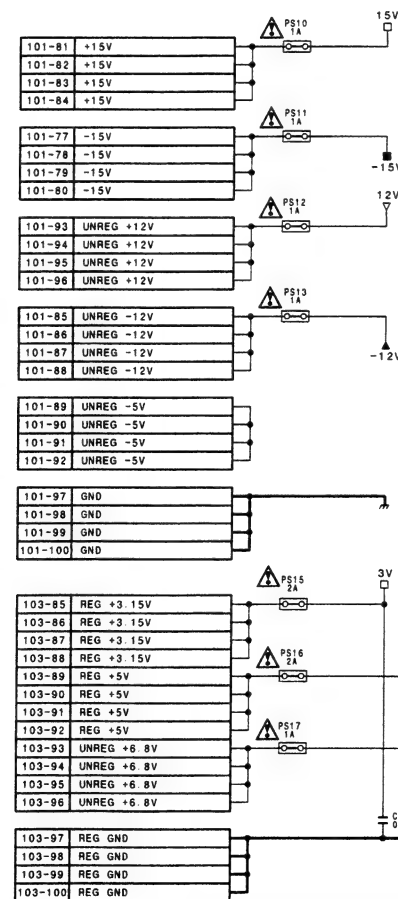
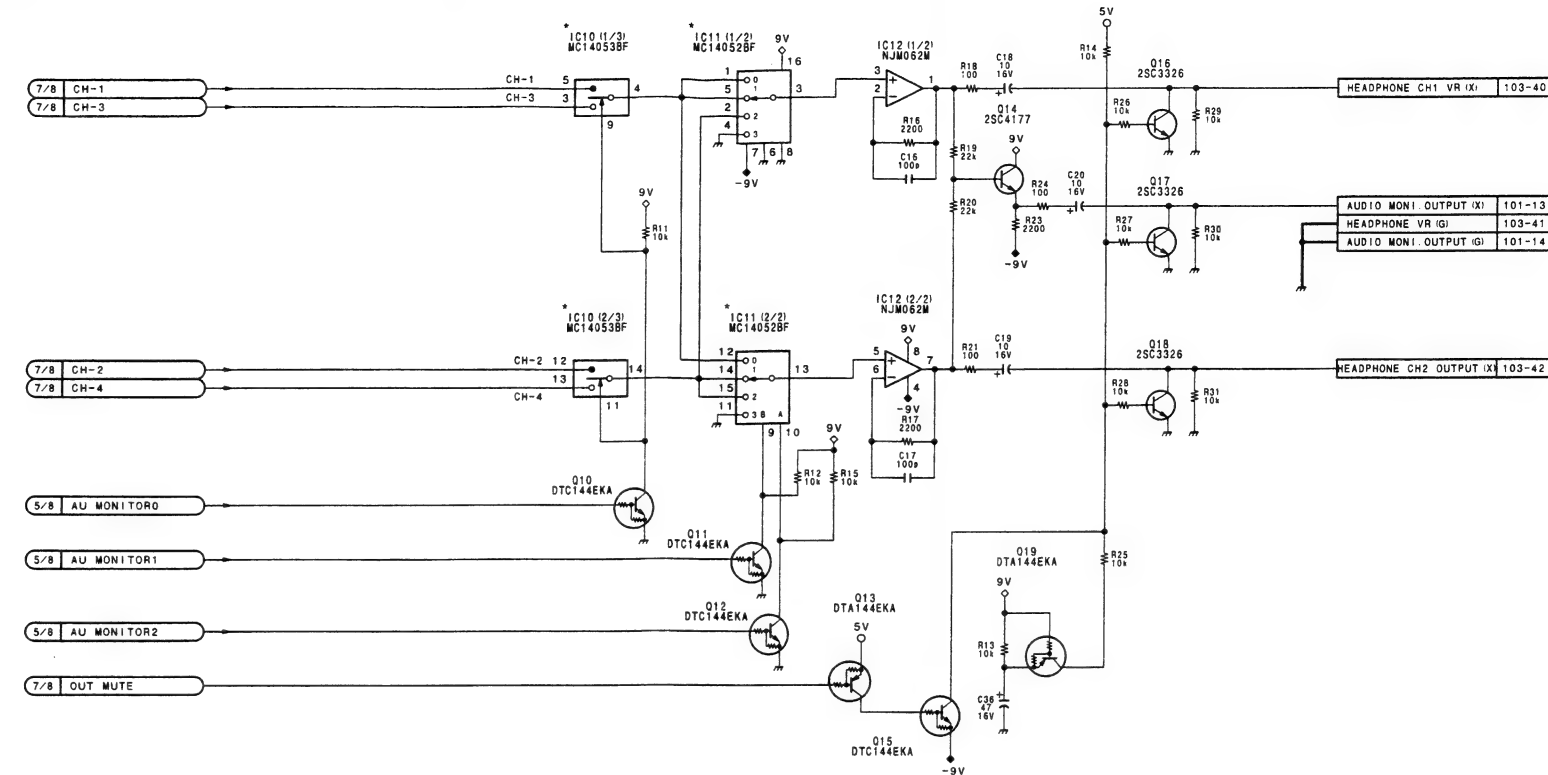




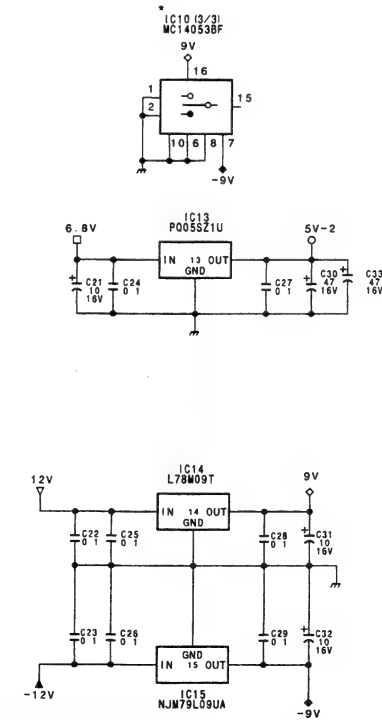




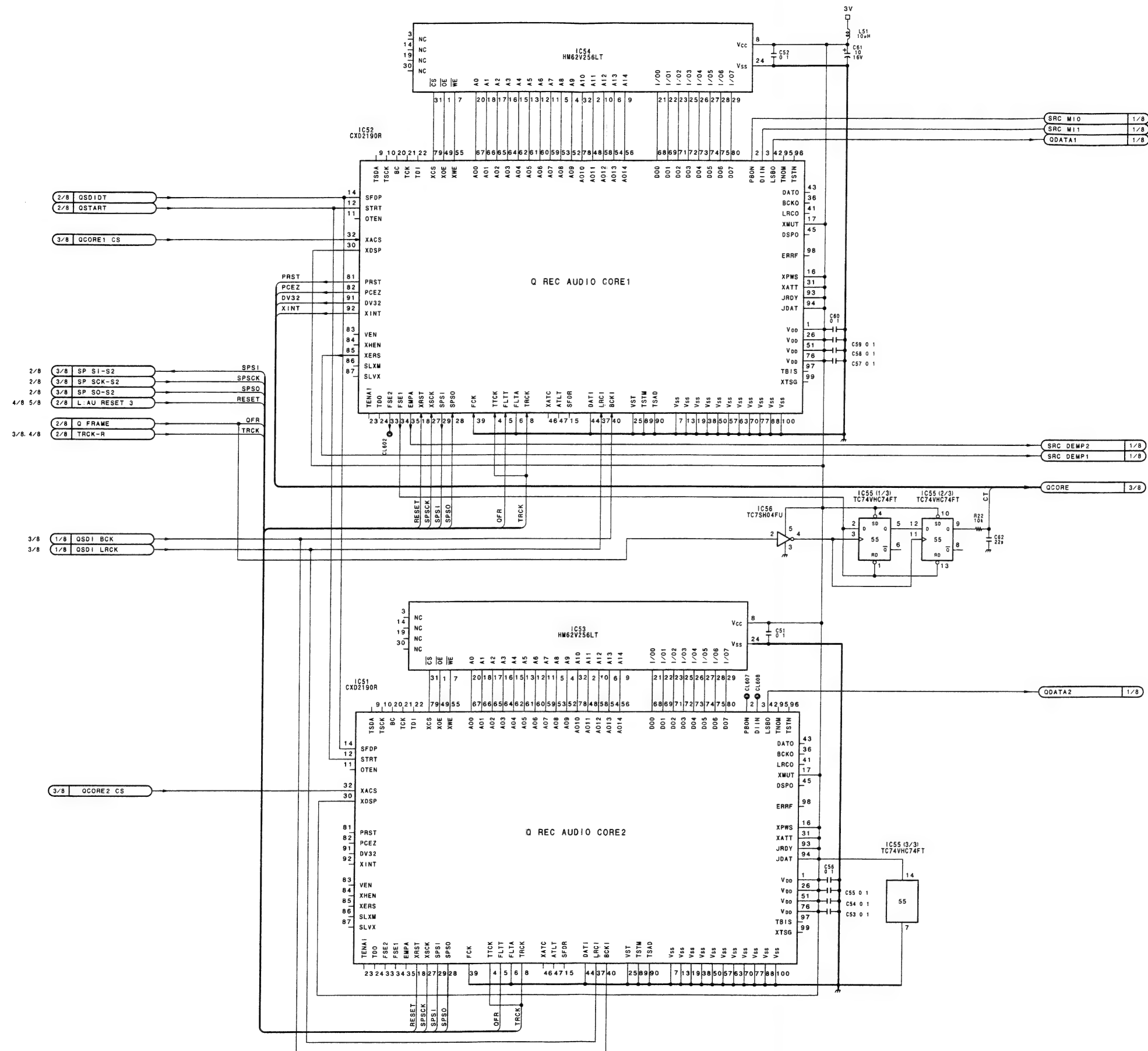




| REF. NO. | CHANGED INFORMATION        | LOT NO. |
|----------|----------------------------|---------|
| IC10     | MC14053BF-T2 → MC14053BFEL | 804-    |
| IC11     | MC14052BF-T2 → MC14052BFEL |         |







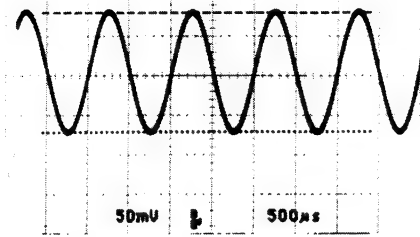
## DA-119 (1/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

DSR-80/80P

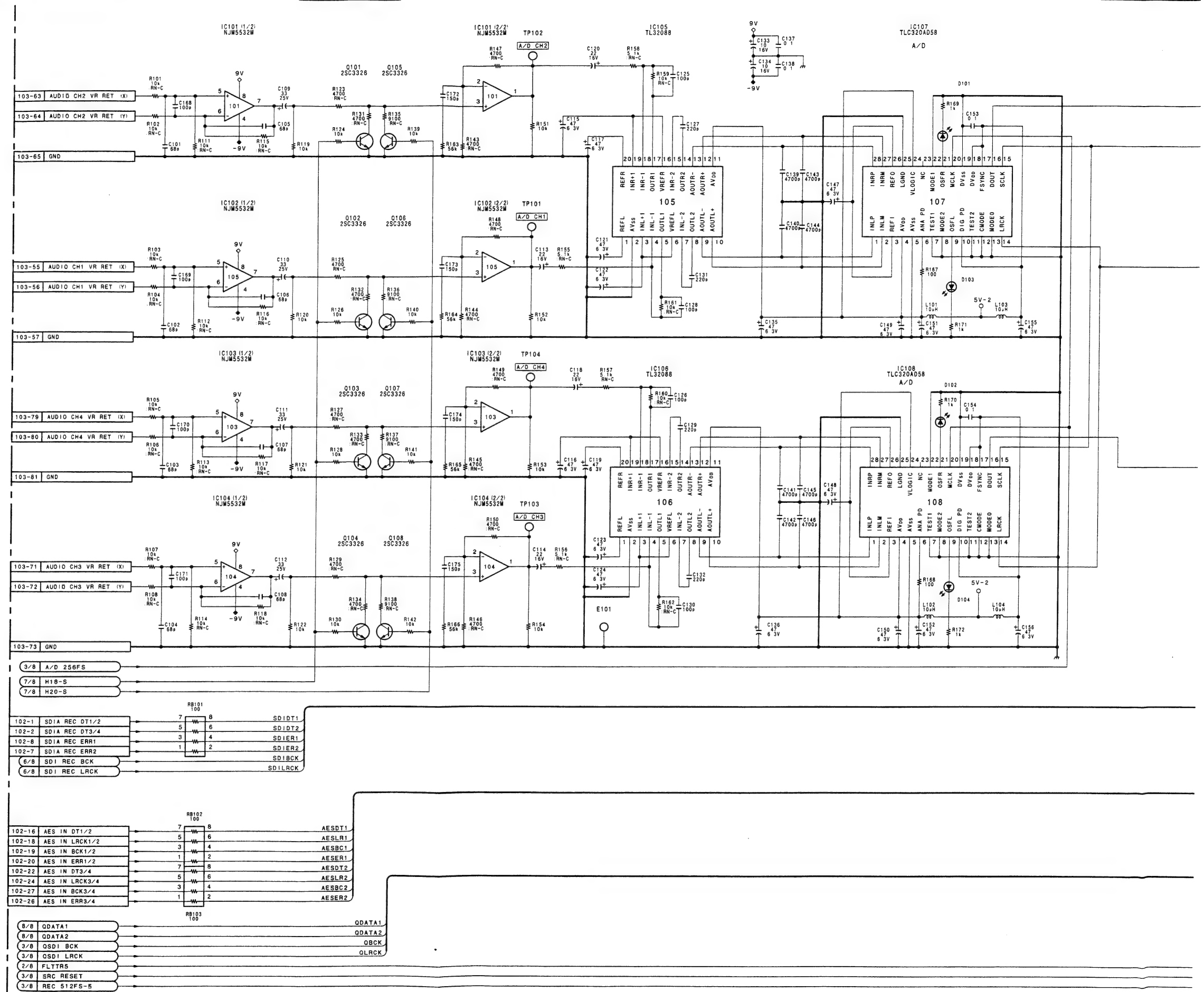
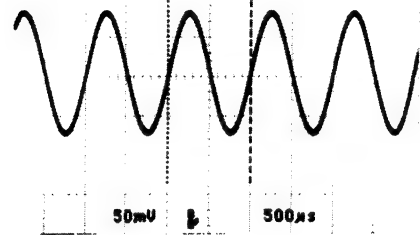
DSR-80/80P

## DA-119 (1/8)

① TP101~TP104 Reference Level Input

A2 70 mV  $\Delta U_2$  152 mV

① TP101~TP104 Reference Level Input

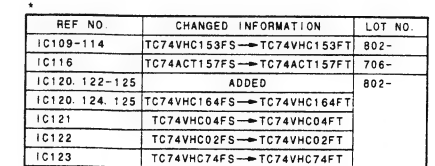
A2 70 mV  $\Delta U_2$  1.00 kHz

13-6 (a)

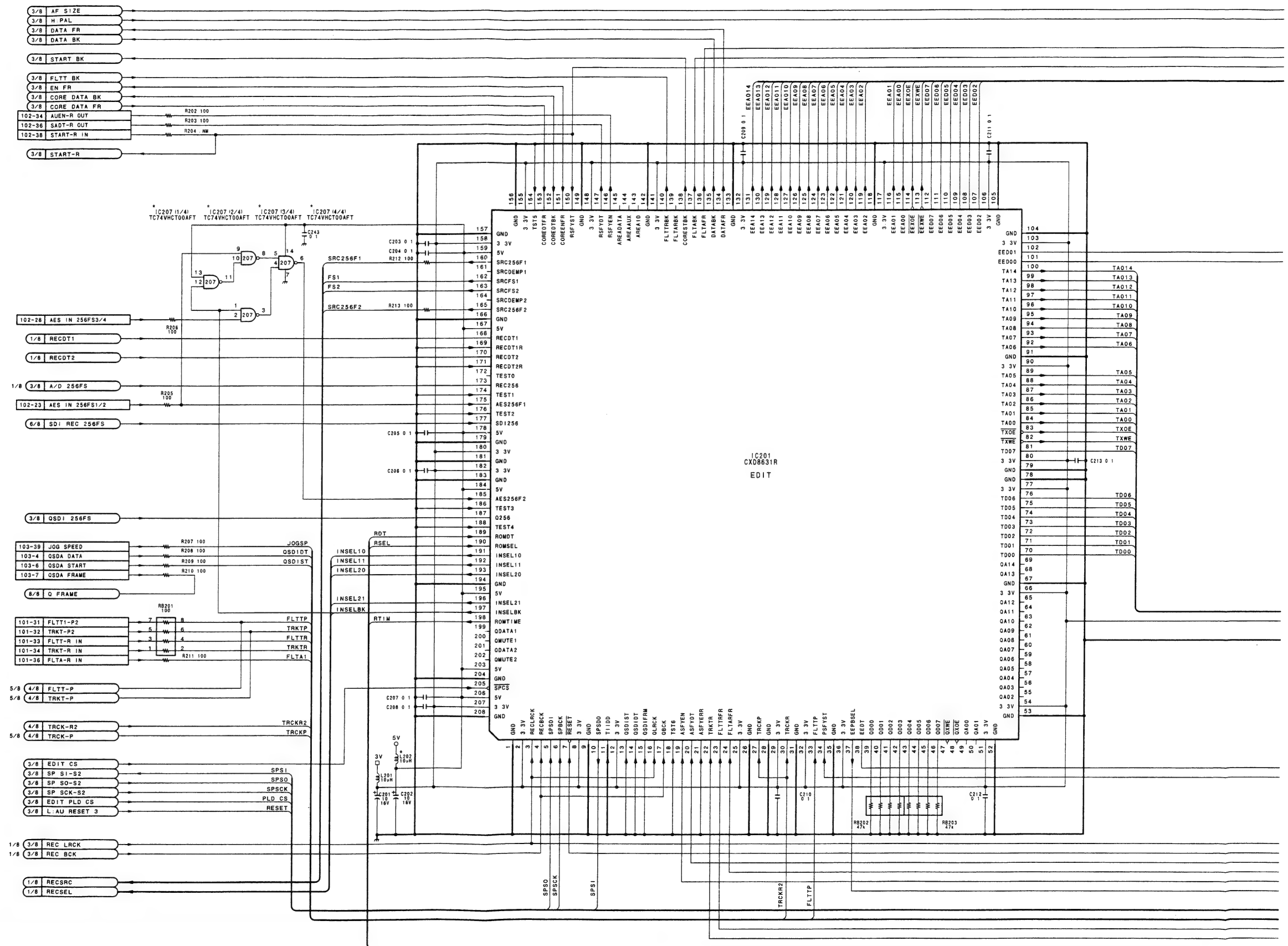
13-6 (a)

DSR-80/80P





**DA-119 (1/8)**  
BOARD SUFFIX : -12, 13  
MODEL DSR-80/80P



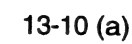
13-8 (a)

13-8 (a)





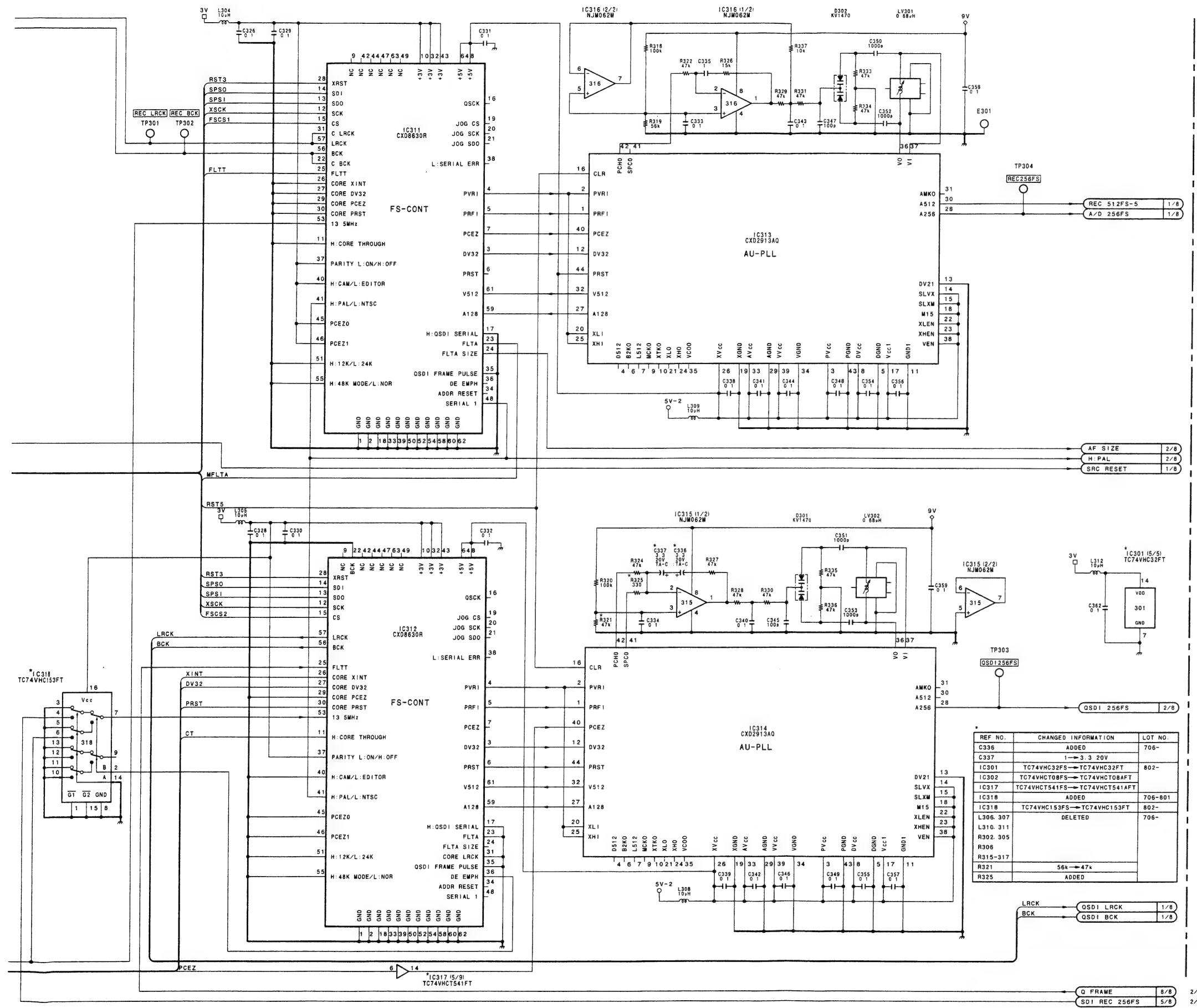
P

**DSR-80/80P****DSR-80/80P**



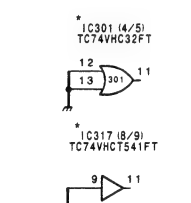
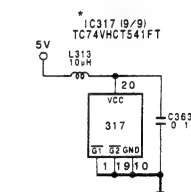
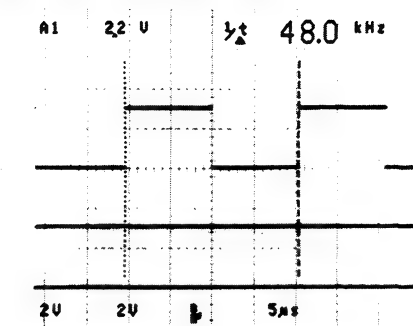
DSR-80/80P

DSR-80/80P

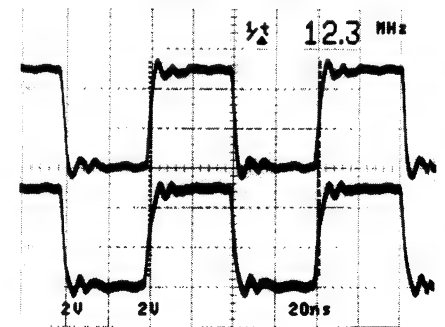


DA-119 (3/8)

- ① TP301 Reference Level Input
- ② TP302 Reference Level Input

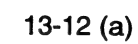


- ③ TP303 Reference Level Input
- ④ TP304 Reference Level Input

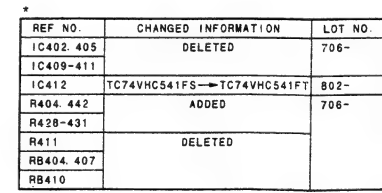


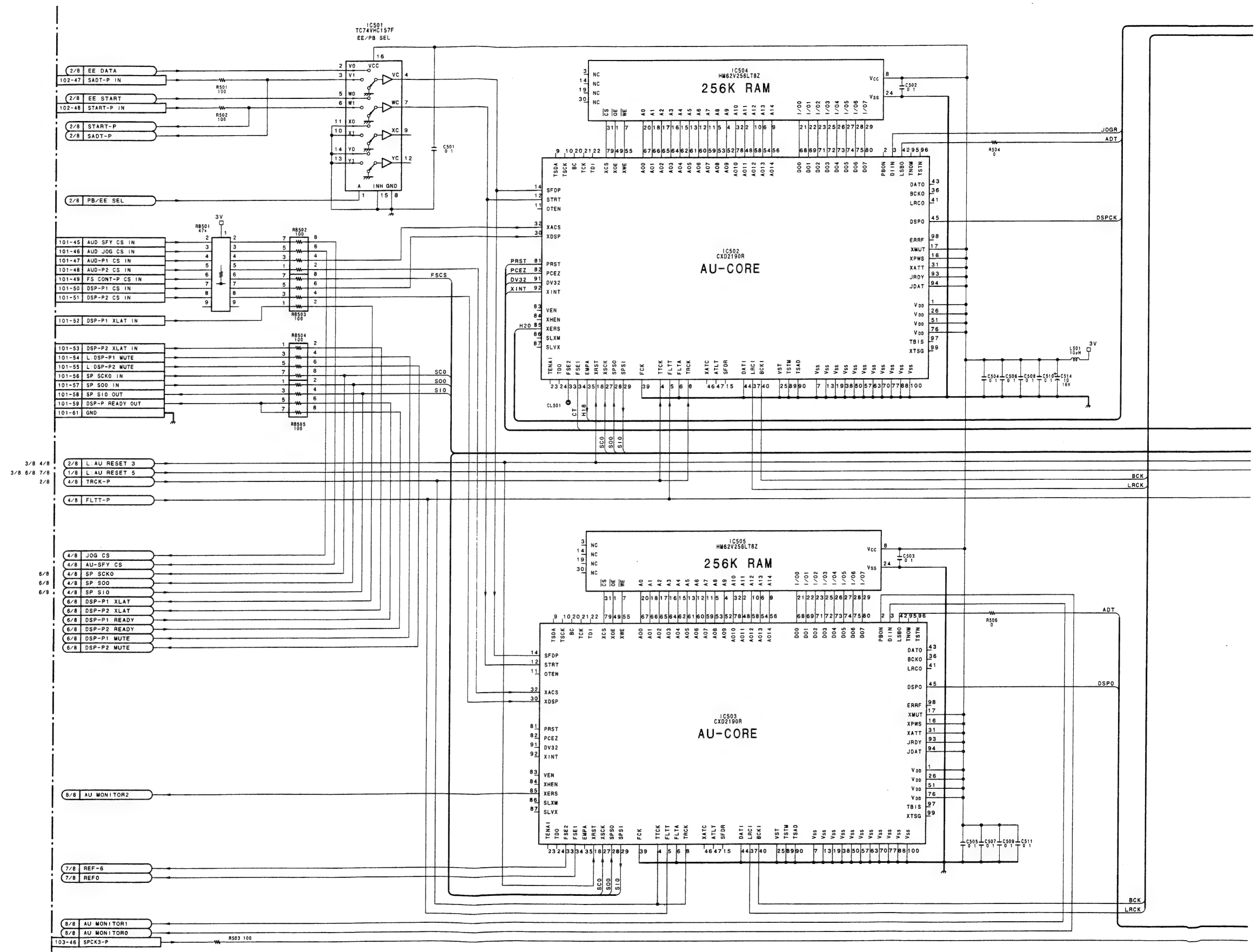
| REF. NO.  | CHANGED INFORMATION          | LOT NO. |
|-----------|------------------------------|---------|
| C336      | ADDED                        | 706-    |
| C337      | 1 → 3.3 20V                  | 706-    |
| IC301     | TC74VHC32FS → TC74VHC32FT    | 802-    |
| IC302     | TC74VHC08FS → TC74VHC08AFT   | 802-    |
| IC317     | TC74VHC541FS → TC74VHC541AFT | 802-    |
| IC318     | ADDED                        | 706-801 |
| IC318     | TC74VHC153FS → TC74VHC153FT  | 802-    |
| L306, 307 | DELETED                      | 706-    |
| L310, 311 |                              |         |
| R302, 305 |                              |         |
| R306      |                              |         |
| R315-317  |                              |         |
| R321      | 56k → 47k                    |         |
| R325      | ADDED                        |         |

**DA-119 (3/8)**  
BOARD SUFFIX : -121 3  
MODEL DSR-80/80P





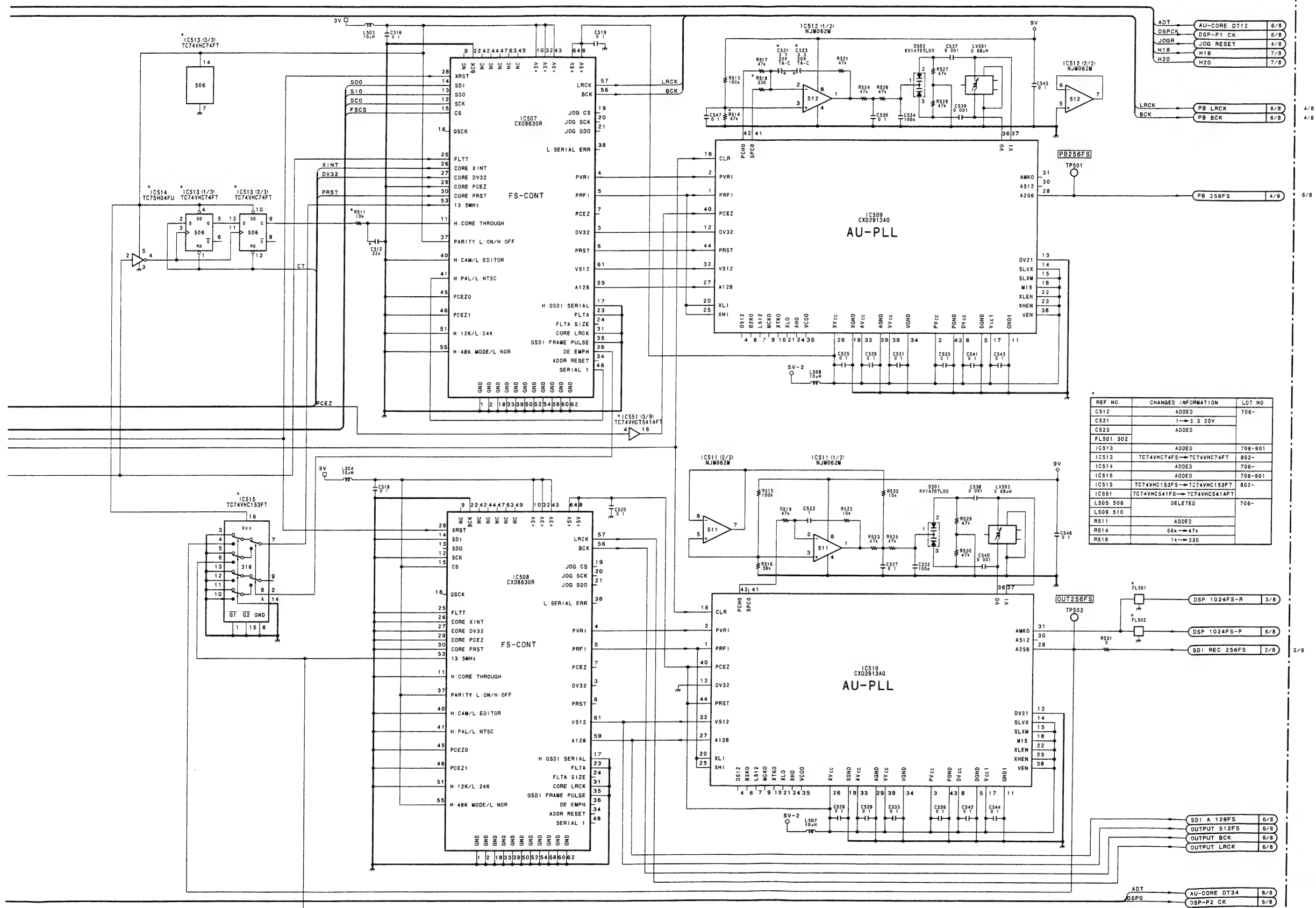




13-14 (a)

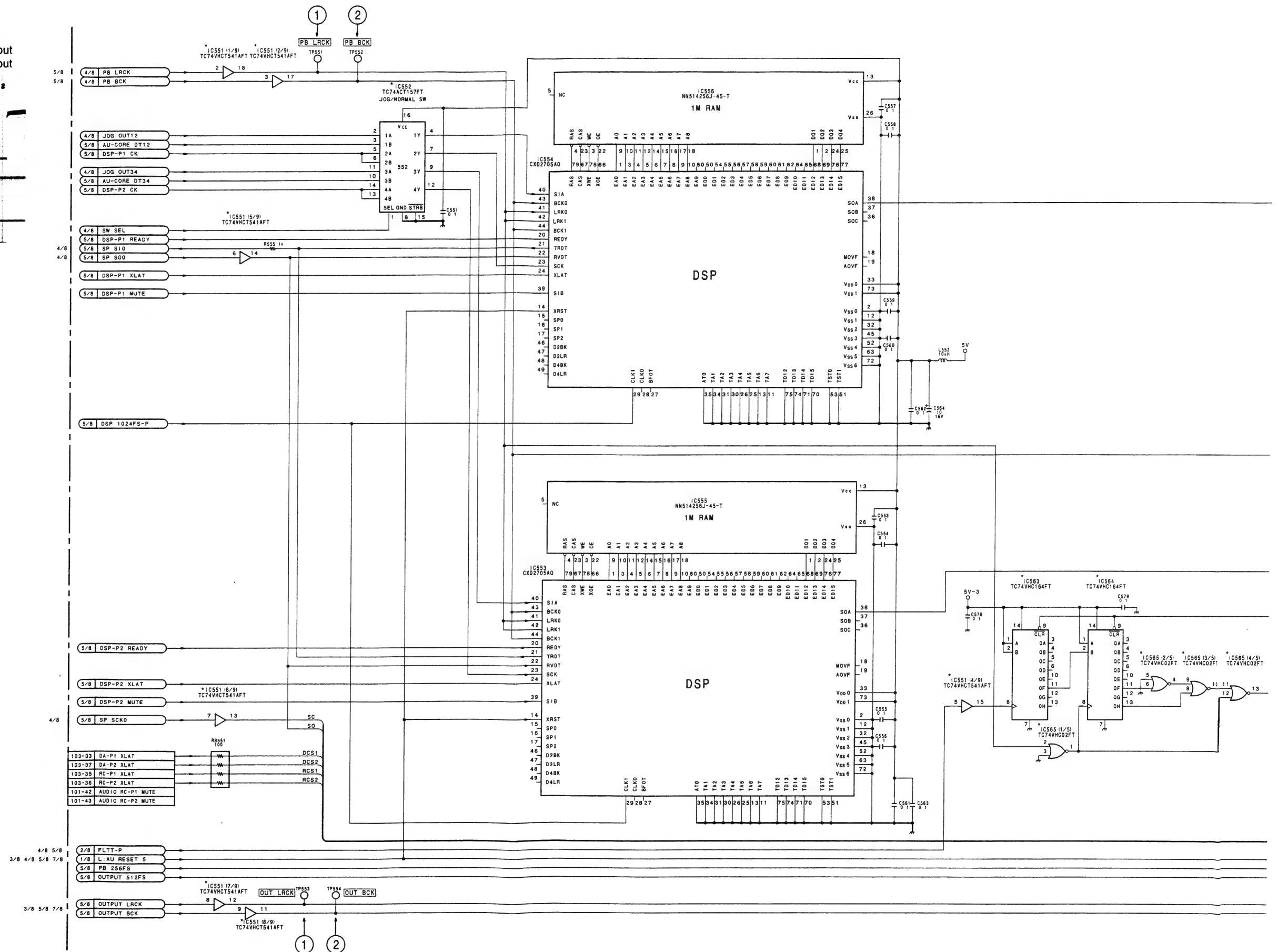
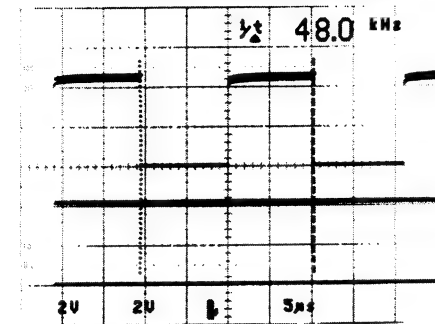
13-14 (a)





DA-119 (6/8)

- ① TP551 & TP553 Reference Level Input
- ② TP552 & TP554 Reference Level Input

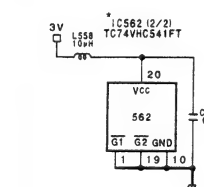
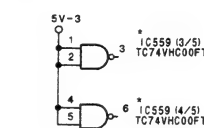
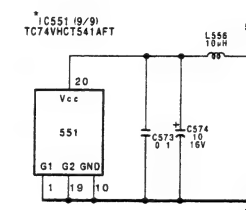
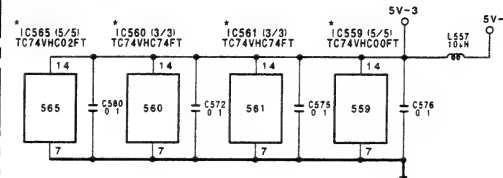
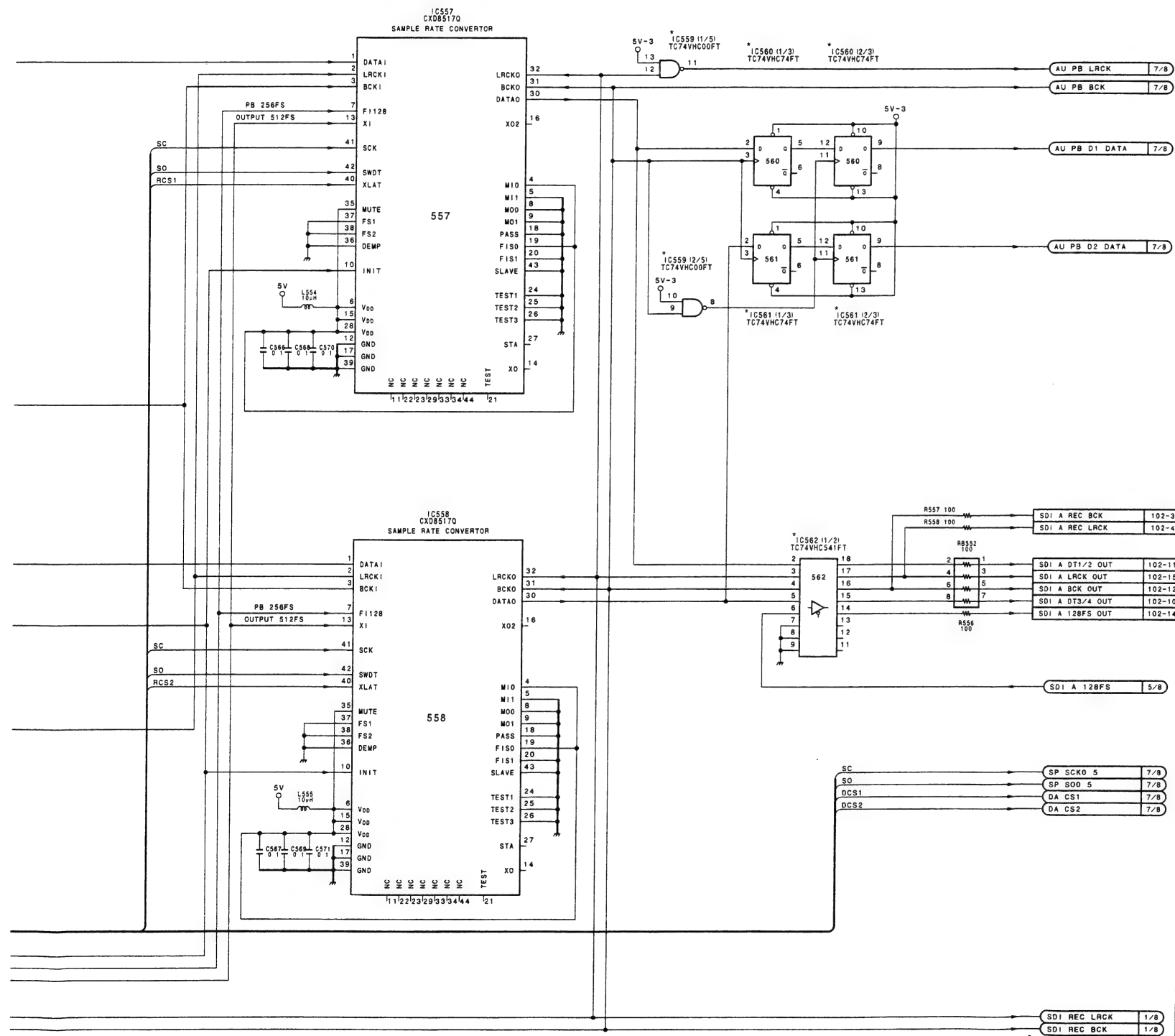


13-16 (a)

13-16 (a)

DSR-80/80P

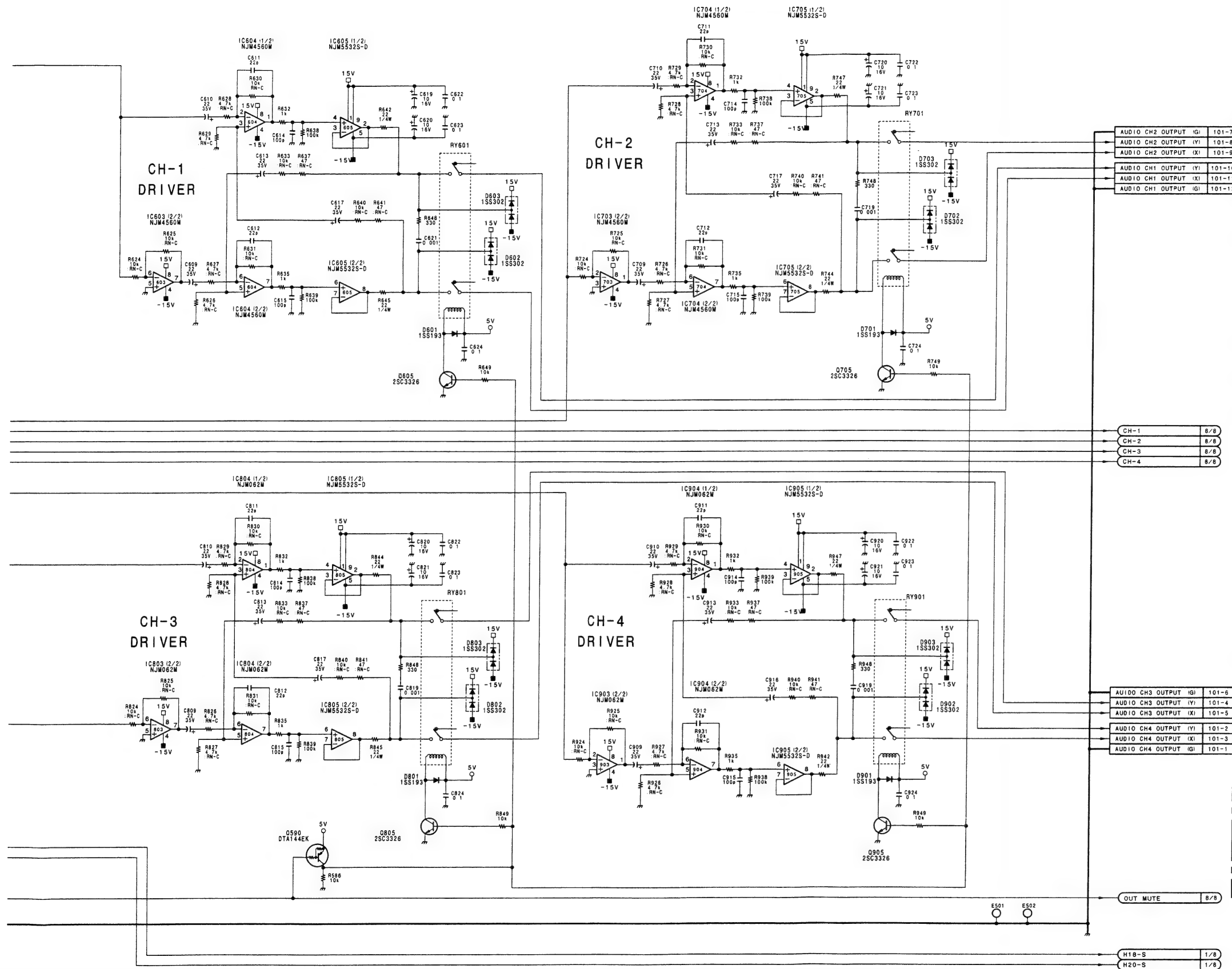


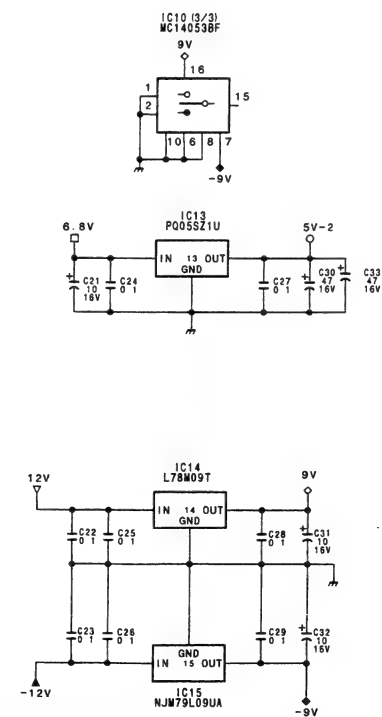
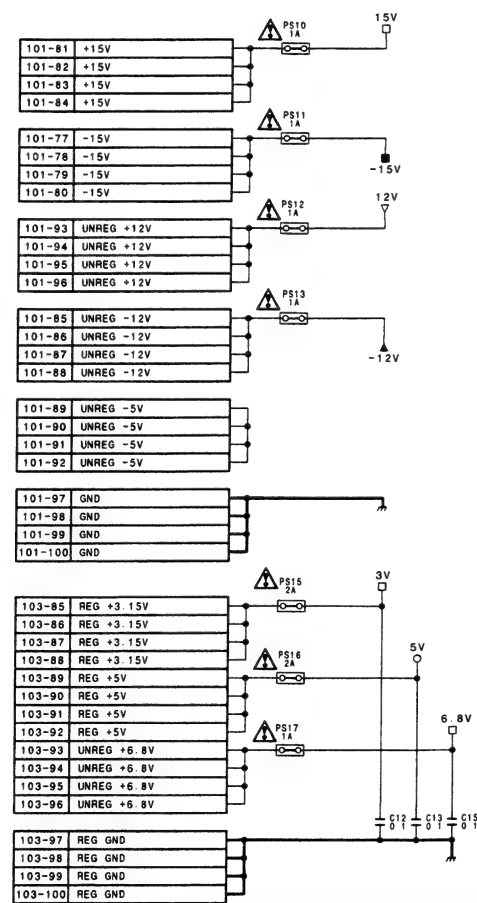
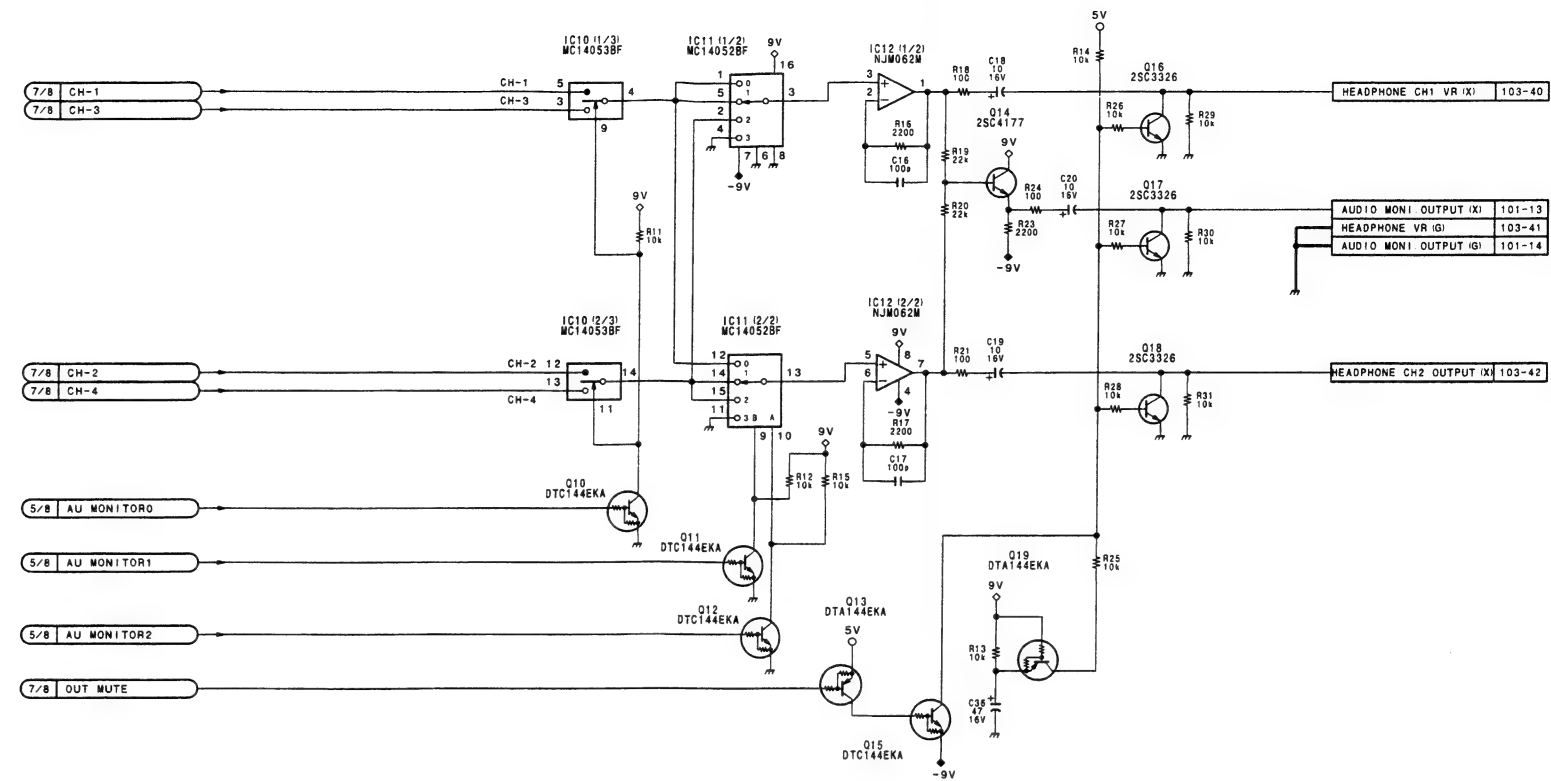


| REF NO     | CHANGED INFORMATION          | LOT NO  |
|------------|------------------------------|---------|
| IC551      | TC74VHC541FS → TC74VHC541AFT | 802-    |
| IC552      | TC74ACT157FS → TC74ACT157FT  |         |
| IC559      | TC74VHC00FS → TC74VHC00FT    |         |
| IC560, 561 | TC74VHC74FS → TC74VHC74FT    |         |
| IC562      | TC74VHC541FS → TC74VHC541FT  |         |
| IC563, 564 | ADDED                        | 706-801 |
| IC563, 564 | TC74VHC164FS → TC74VHC164FT  | 802-    |
| IC564      | ADDED                        | 706-    |
| IC565      | TC74VHC02FS → TC74VHC02FT    | 802-    |
| L551       | DELETED                      | 706-    |





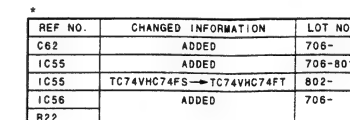




13-20 (a)

13-20 (a)





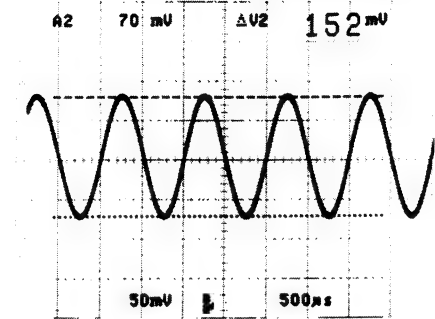
DA-119 (1/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

DSR-80/80P

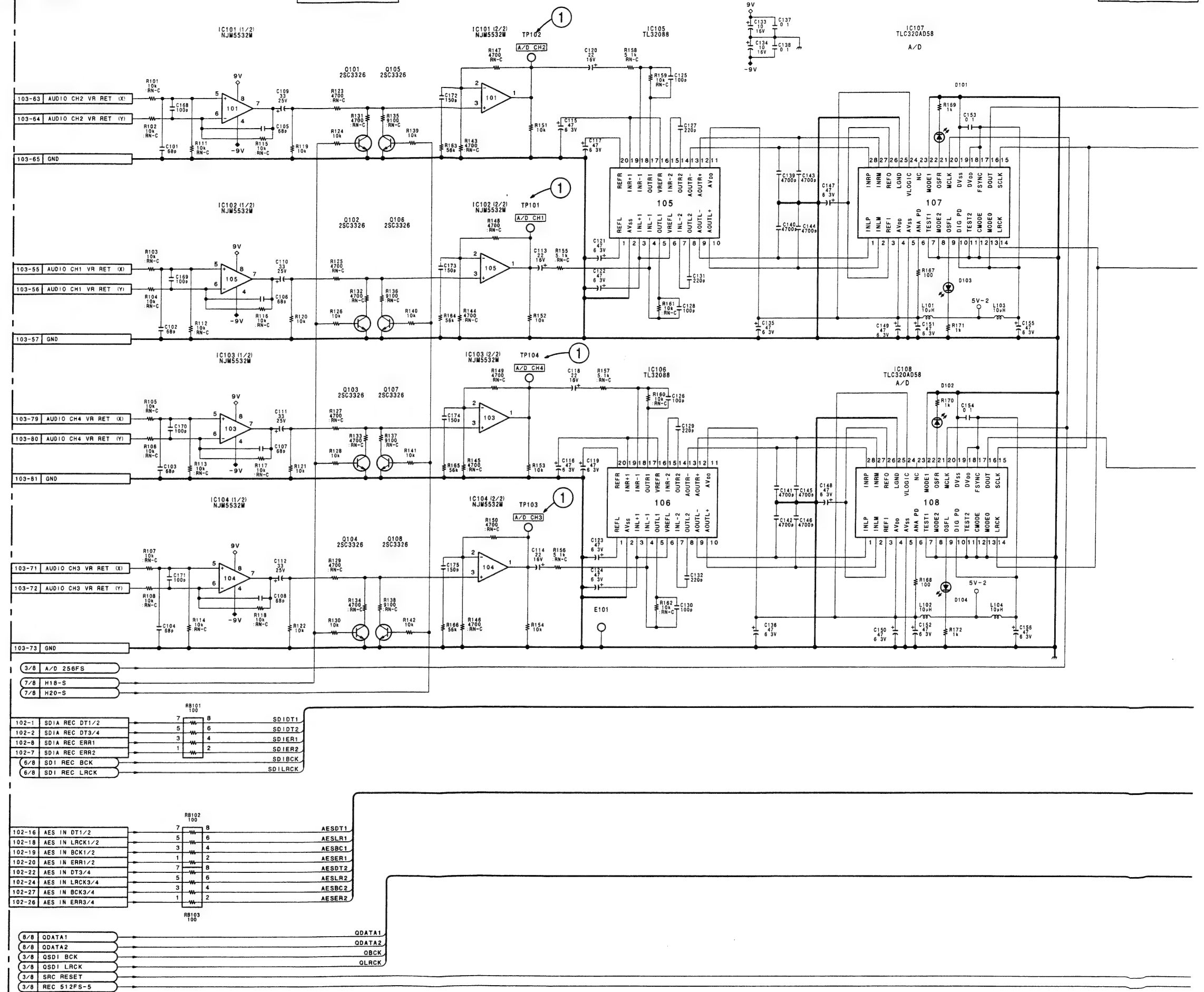
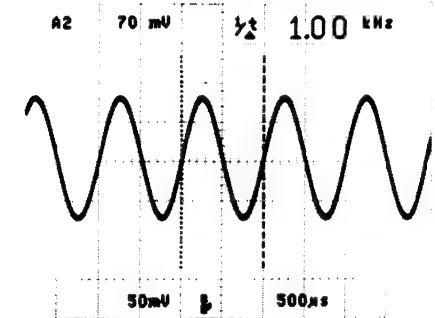
DSR-80/80P

DA-119 (1/8)

① TP101~TP104 Reference Level Input



① TP101~TP104 Reference Level Input



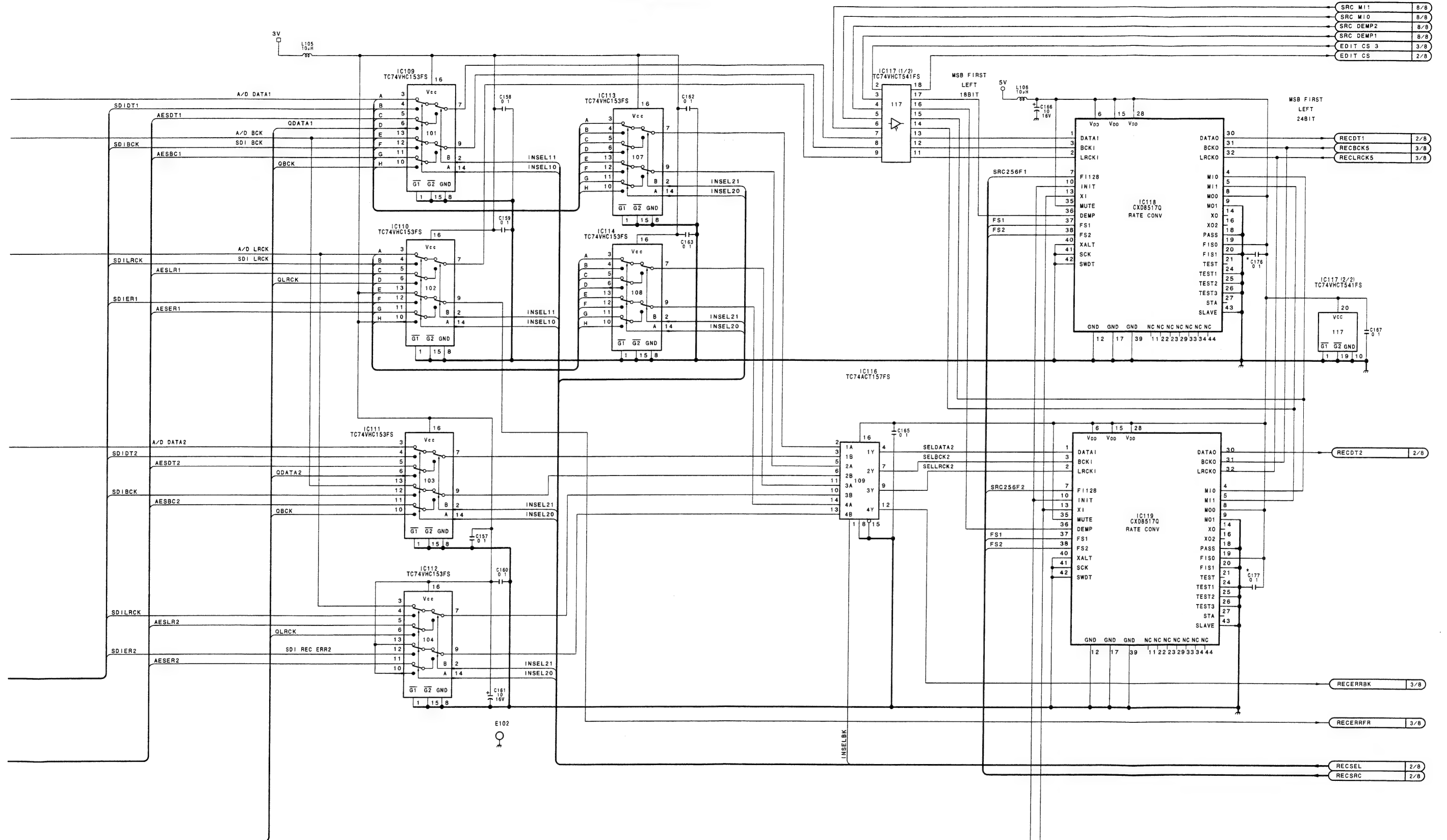
13-6

13-6

DSR-80/80P

DSR-80/80P

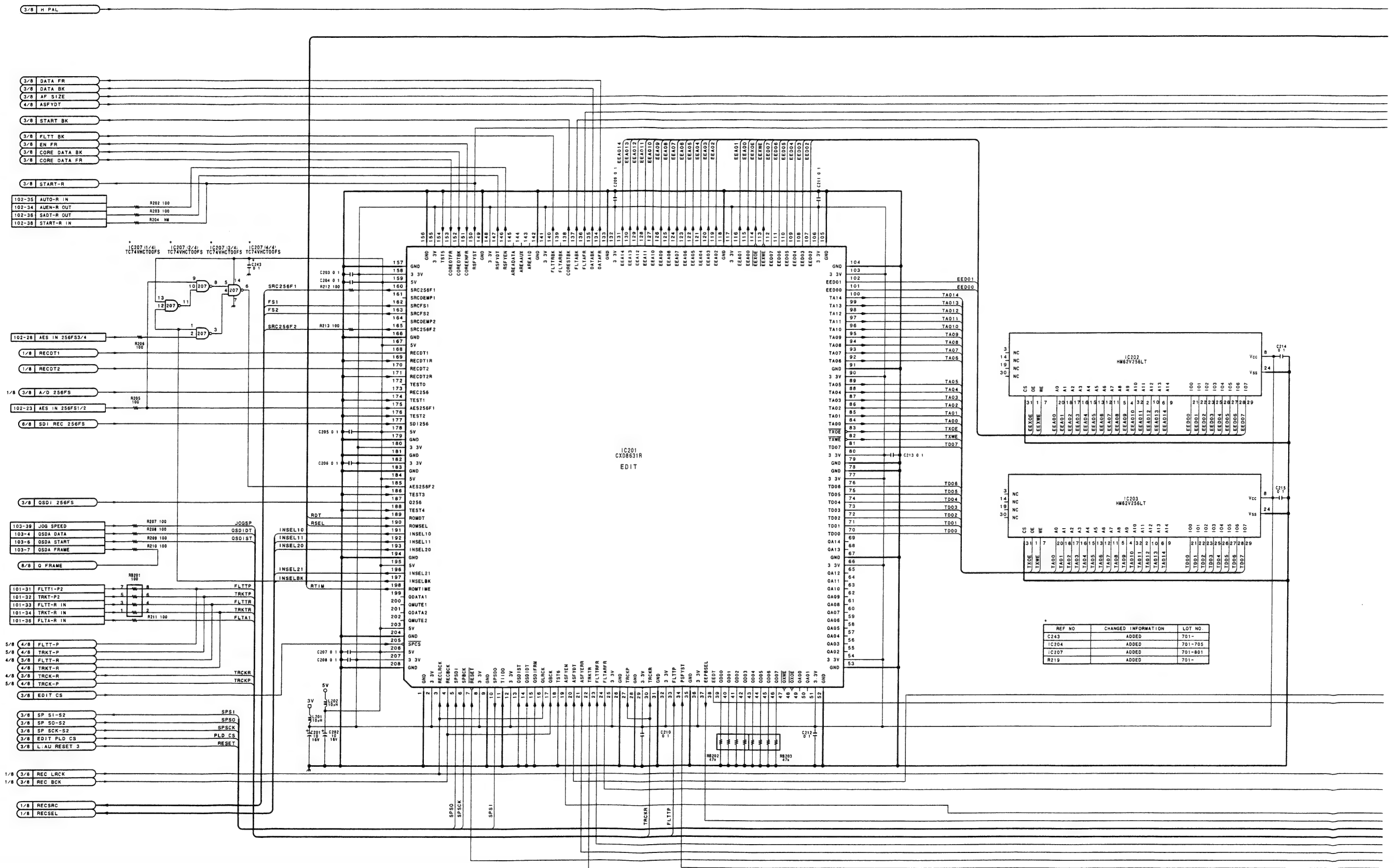
DSR-80/80P



| REF. NO. | CHANGED INFORMATION | LOT NO. |
|----------|---------------------|---------|
| C176.177 | ADDED               | 701-    |

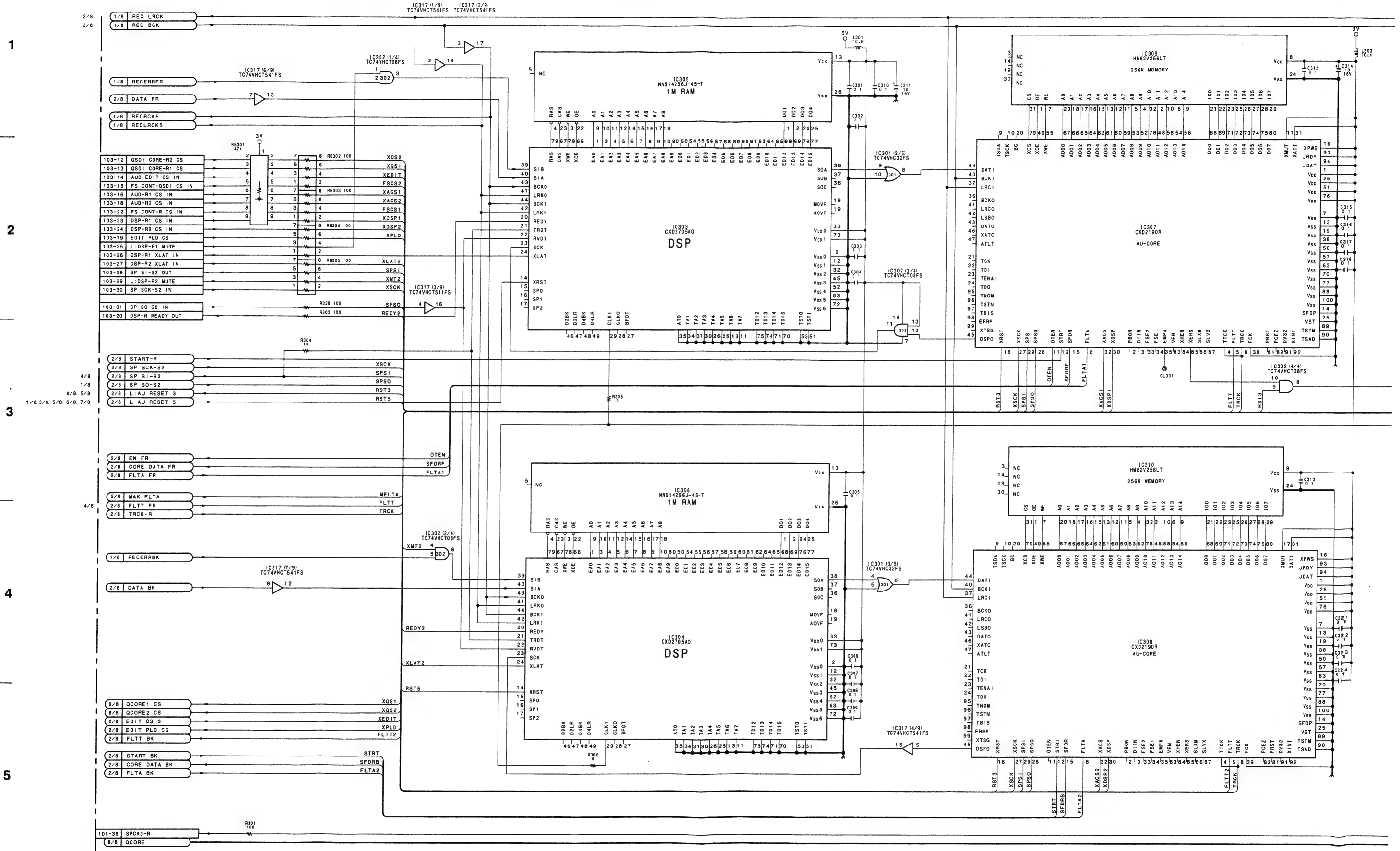
DA-119 (1/8)  
BOARD SUFFIX : -11  
MODEL DSR-80/80P



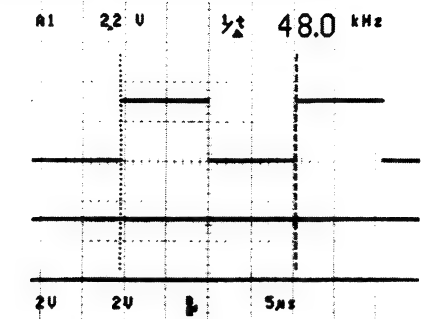




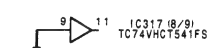
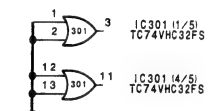
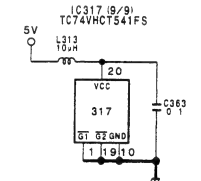
### DA-119 (3/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

**DSR-80/80P****DSR-80/80P**

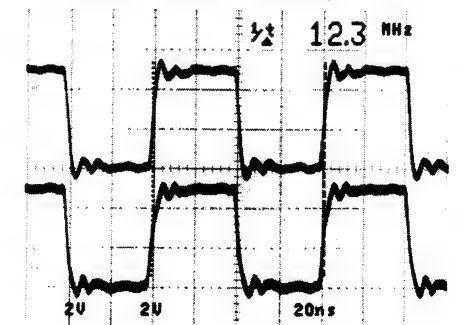




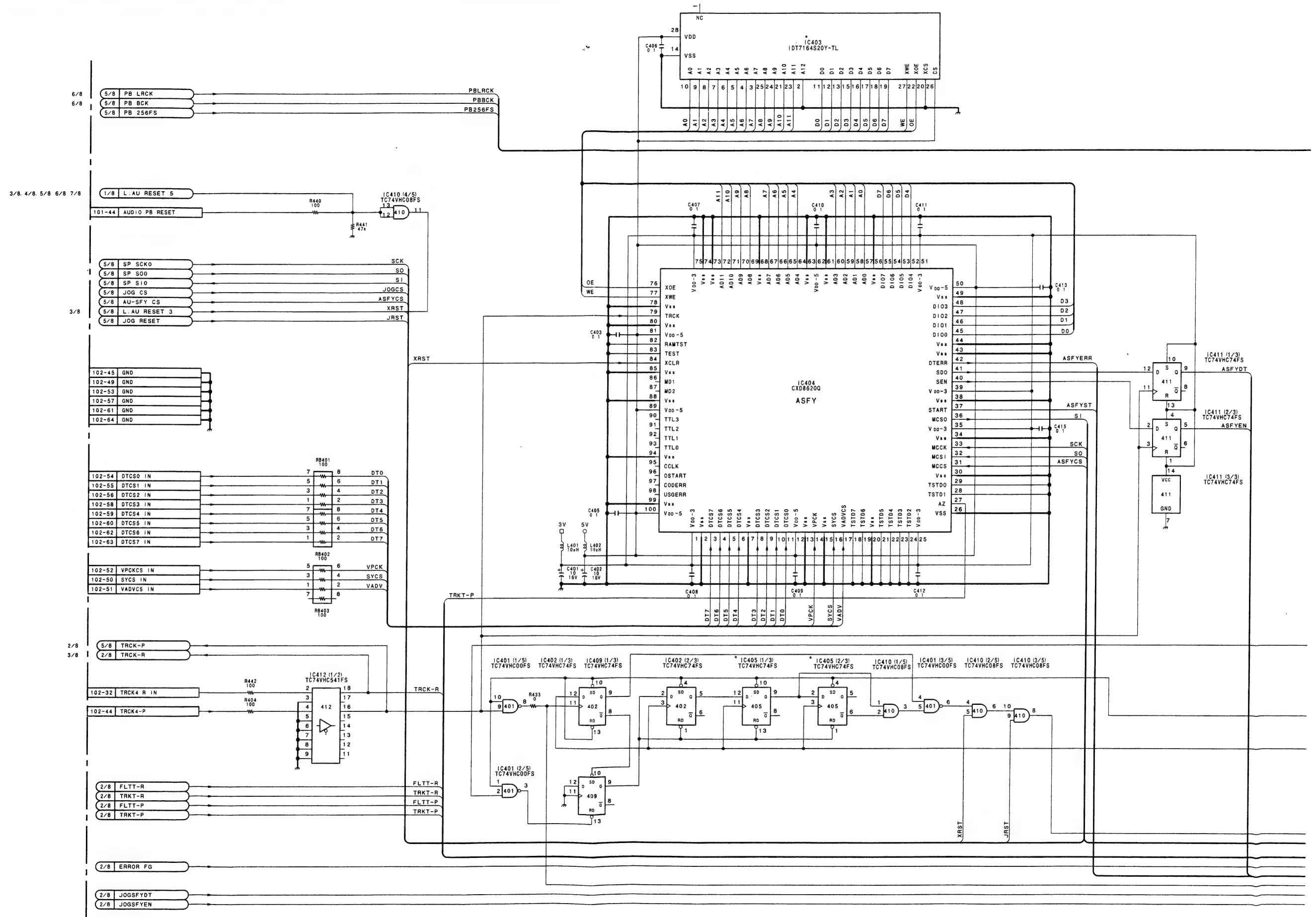
| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| C360    | ADDED               | 701-    |
| R327    | 15k → 47k           |         |



|         |                       |
|---------|-----------------------|
| ③ TP303 | Reference Level Input |
| ④ TP304 | Reference Level Input |

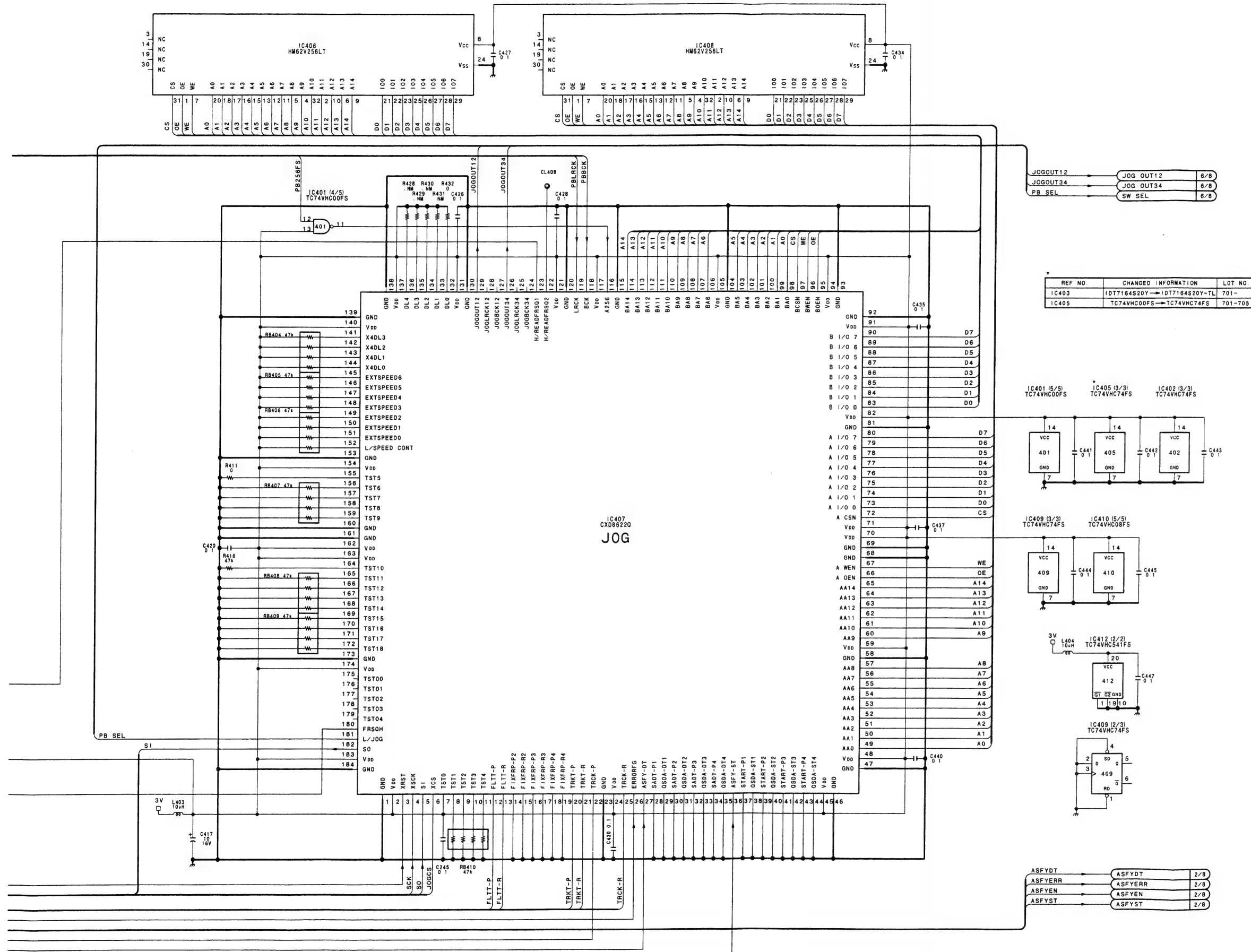


**DA-119 (3/8)**  
BOARD SUFFIX : -11  
MODEL DSR-80/80P



DSR-80/80P

DSR-80/80P

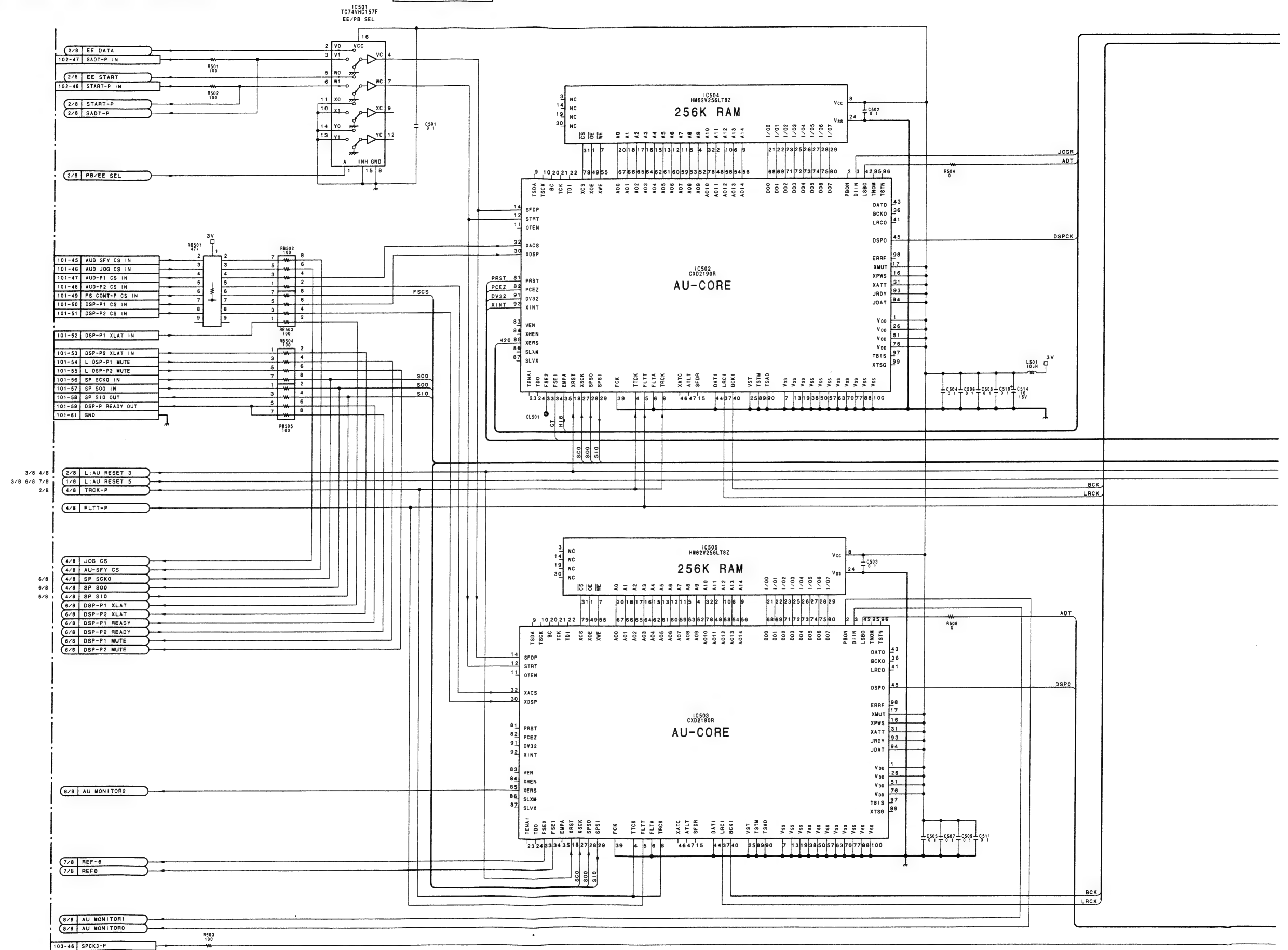


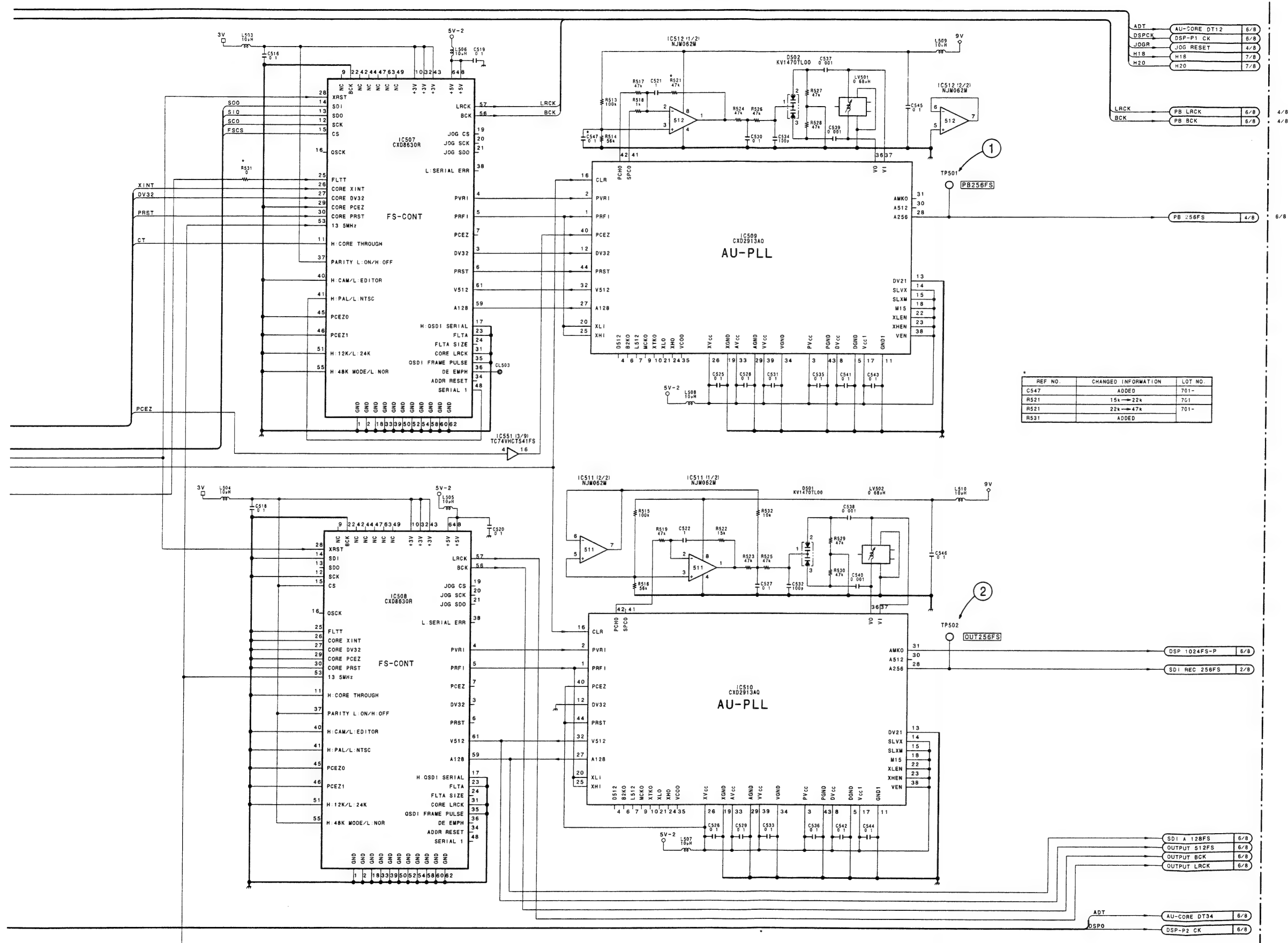


DA-119 (5/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

DSR-80/80P

DSR-80/80P

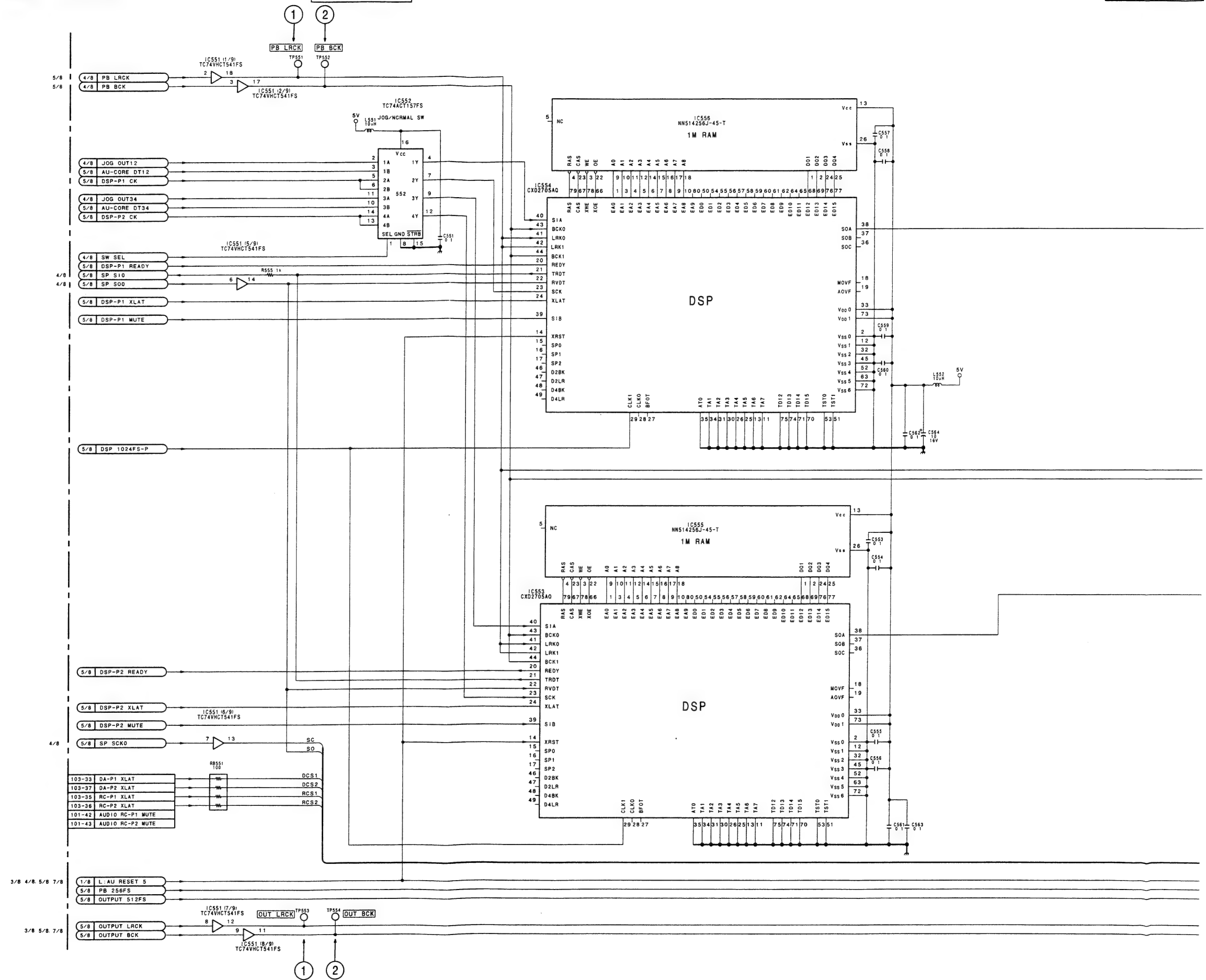
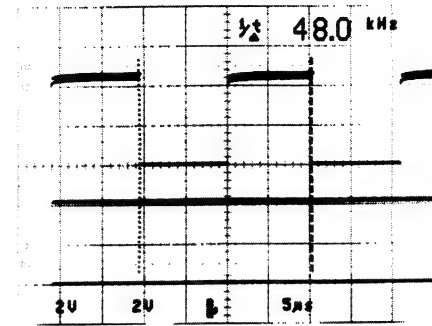




## DA-119 (6/8): AUDIO ANALOG/DIGITAL IN/OUT PROCESS

## DA-119 (6/8)

- ① TP551 & TP553 Reference Level Input  
② TP552 & TP554 Reference Level Input

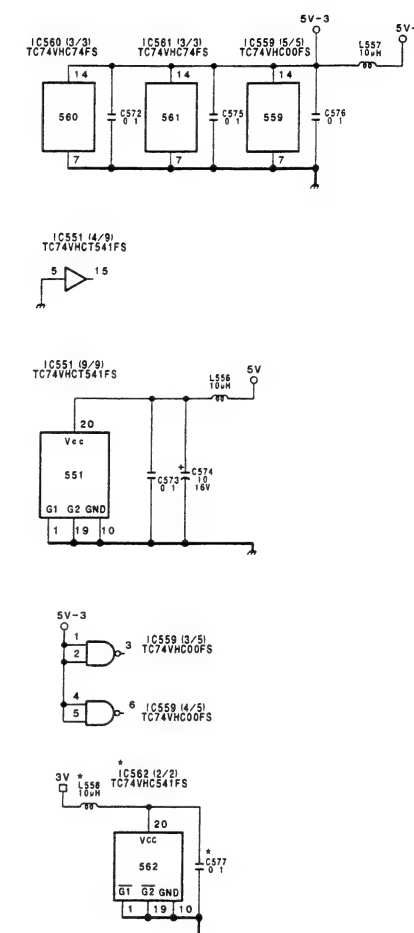
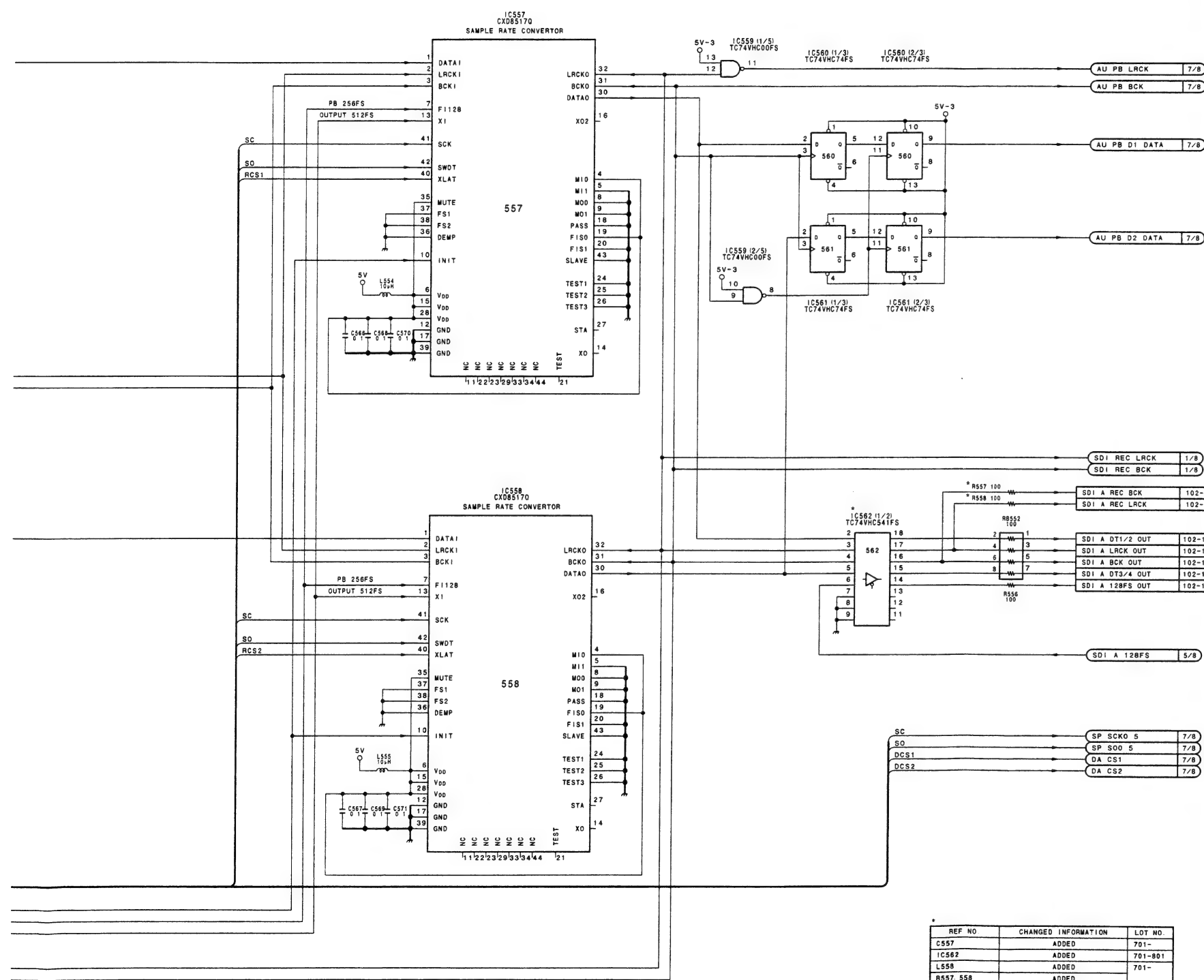


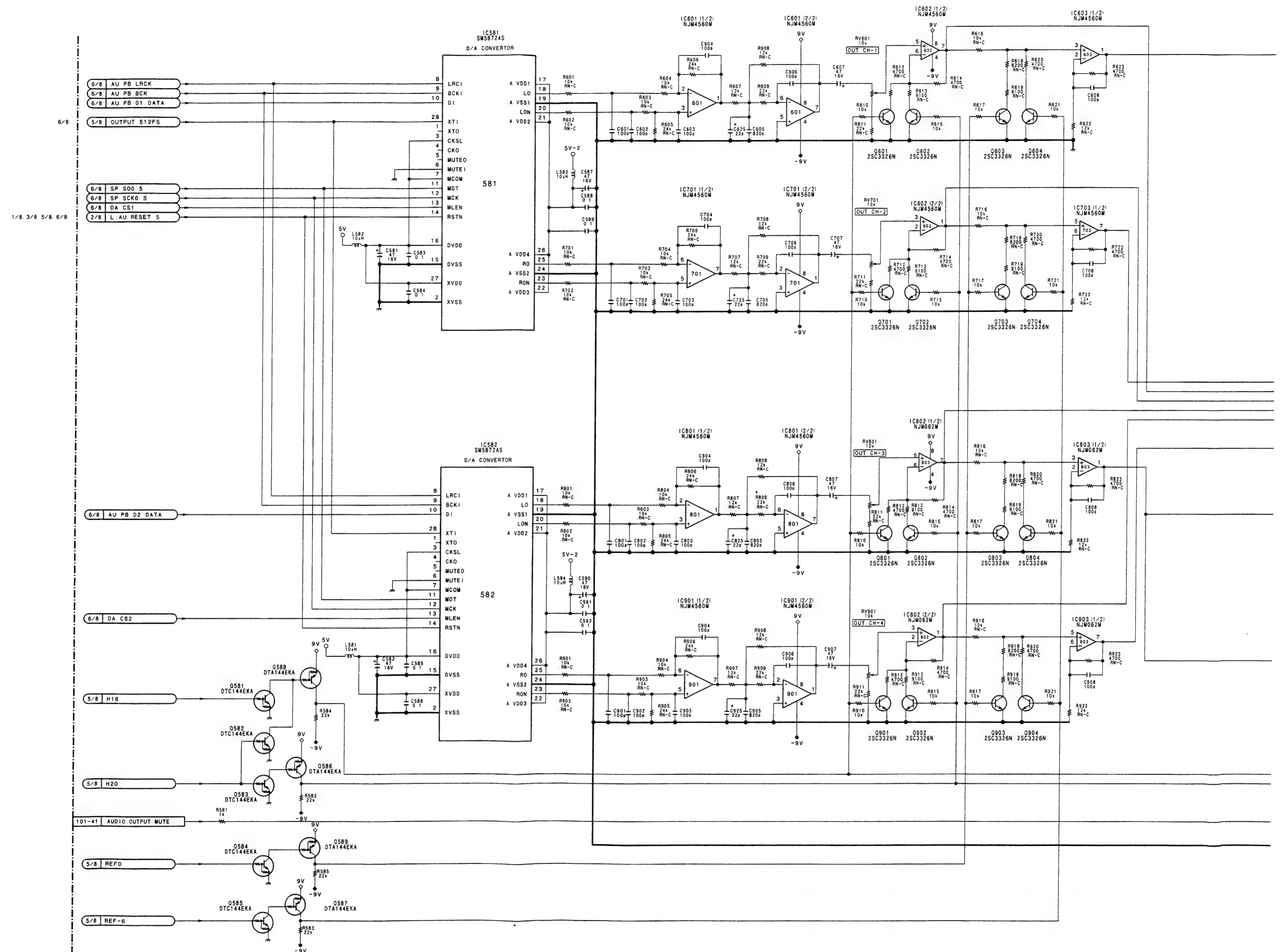
13-16

13-16

DSR-80/80P

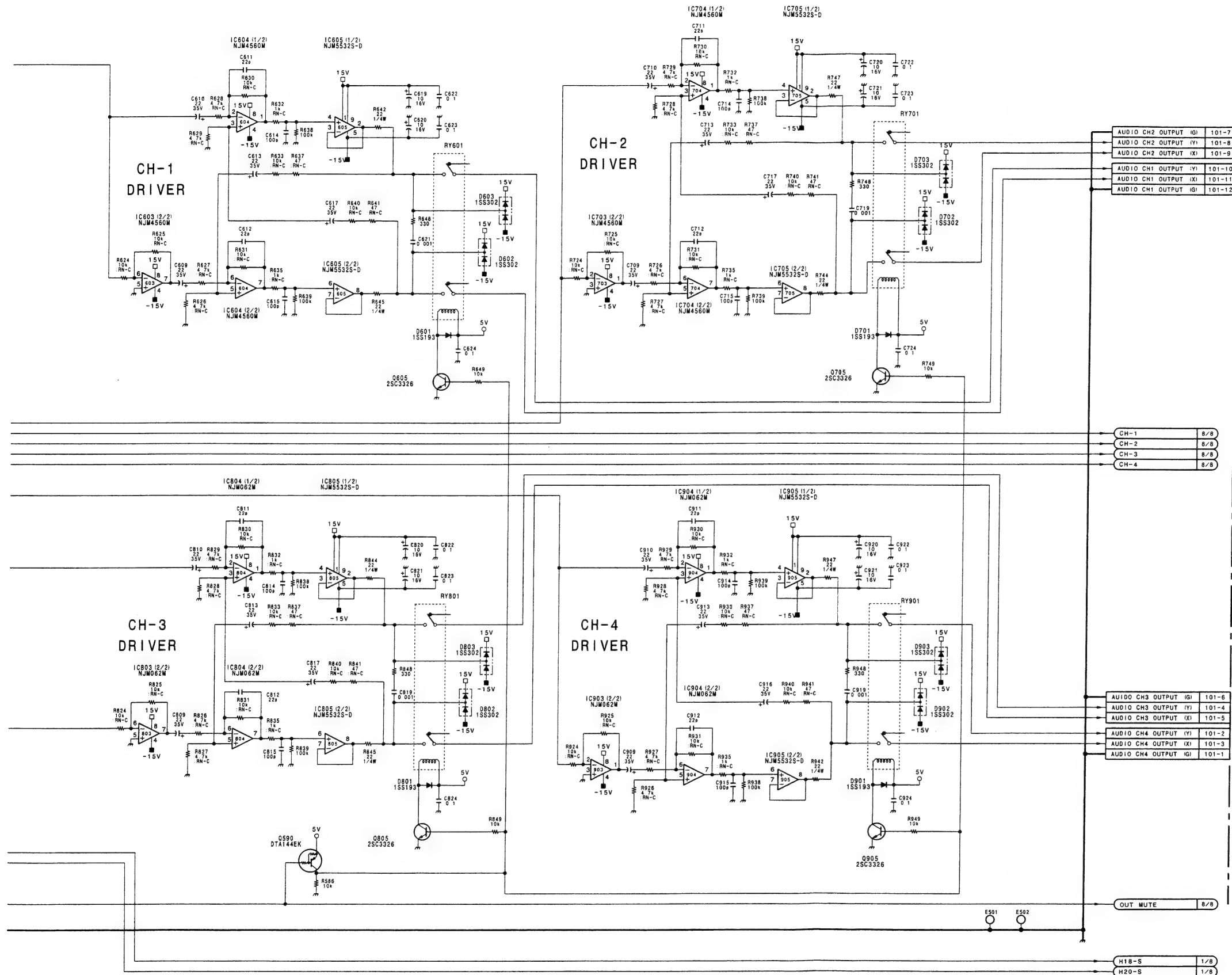




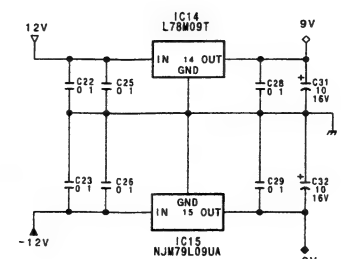
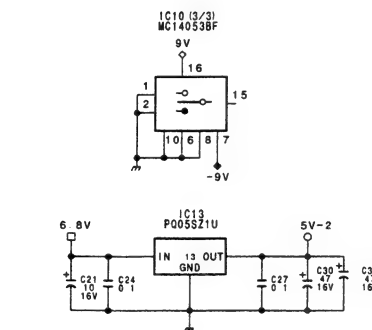
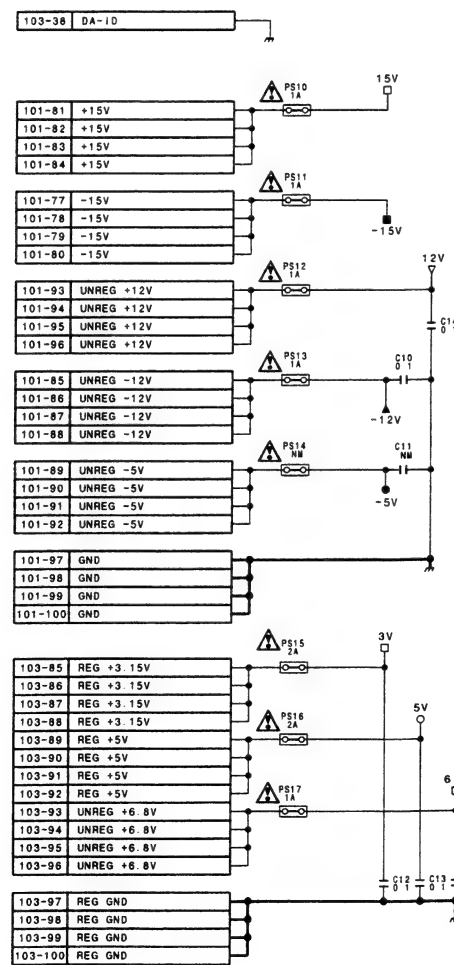
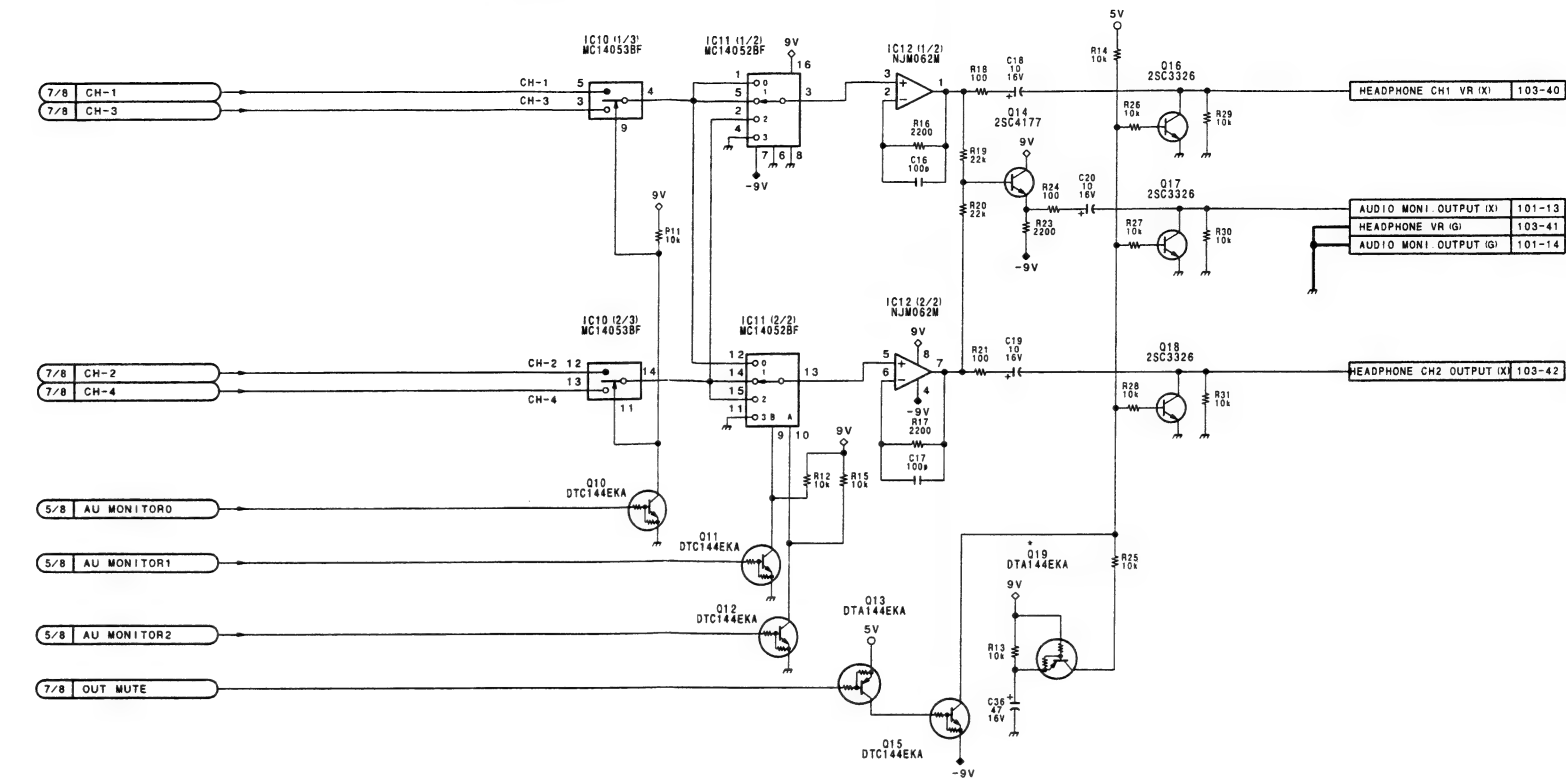


DSR-80/80P

DSR-80/80P

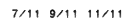




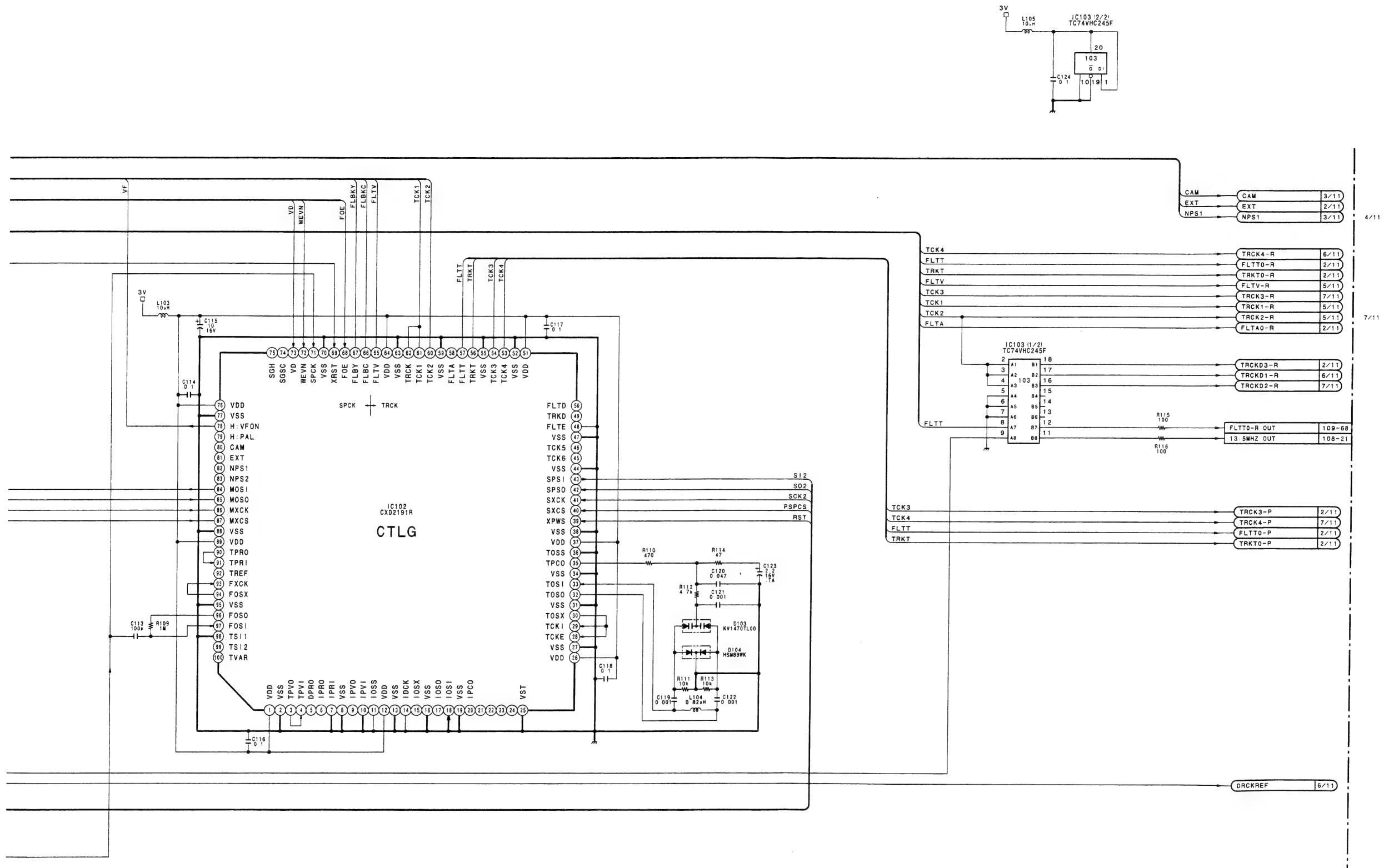


| REF NO | CHANGED INFORMATION   | LOT NO. |
|--------|-----------------------|---------|
| Q19    | DTC144EKA → DTA144EKA | 701-    |

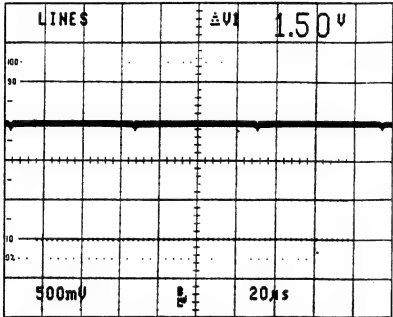




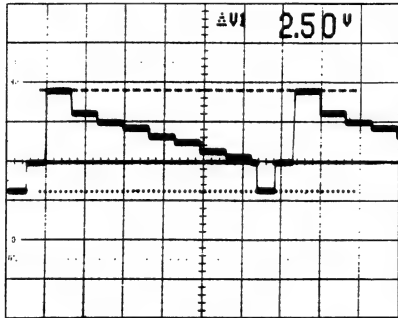




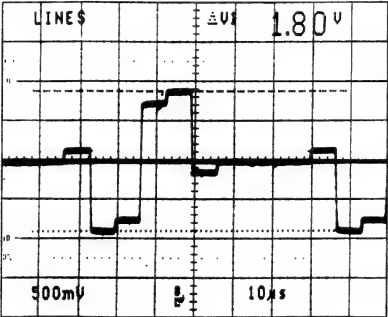
DV-15 (3/11)  
① TP201    MODE: 75% Color Bar/REC • EE (NTSC)  
              MODE: 100% Color Bar/REC • EE (PAL)



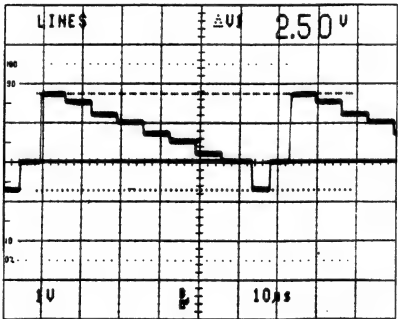
DV-15 (4/11)  
① TP251    MODE: 75% Color Bar/REC • EE (NTSC)



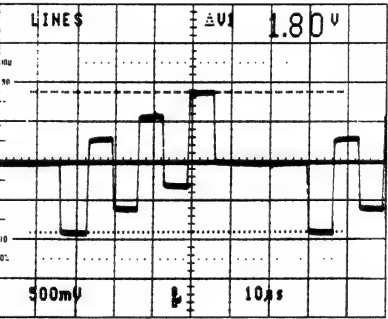
② TP252    MODE: 75% Color Bar/REC • EE (NTSC)  
              MODE: 100% Color Bar/REC • EE (PAL)



① TP251    MODE: 100% Color Bar/REC • EE (PAL)



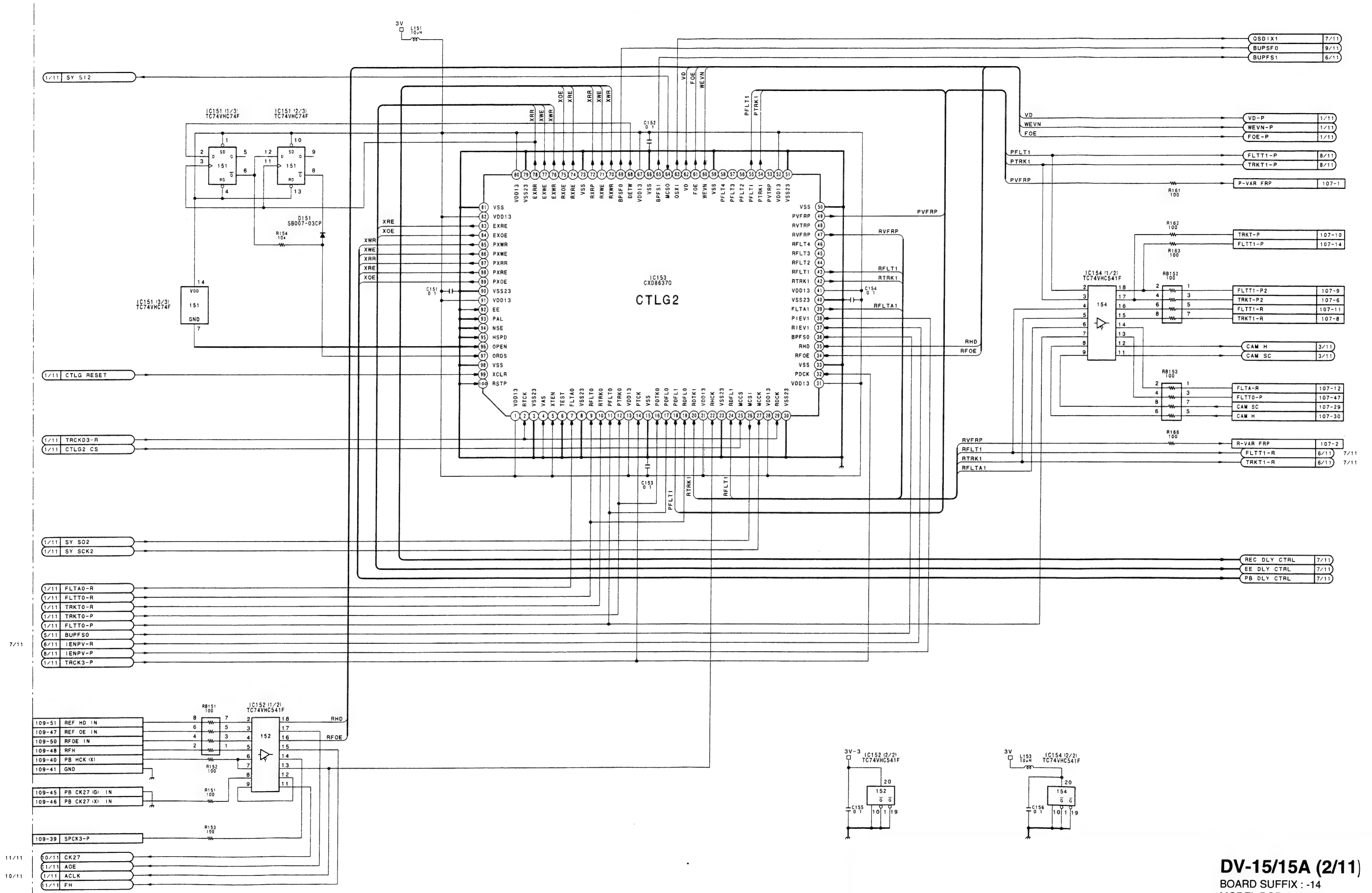
③ TP253    MODE: 75% Color Bar/REC • EE (NTSC)  
              MODE: 100% Color Bar/REC • EE (PAL)



DV-15/15A (2/11): VIDEO DIGITAL IN/OUT PROCESS

DSR-80/80P

DSR-80/80P



DSR-80/80P

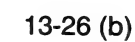
13-25 (b)

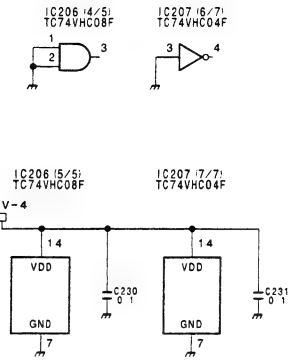
13-25 (b)

DV-15/15A (2/11)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P



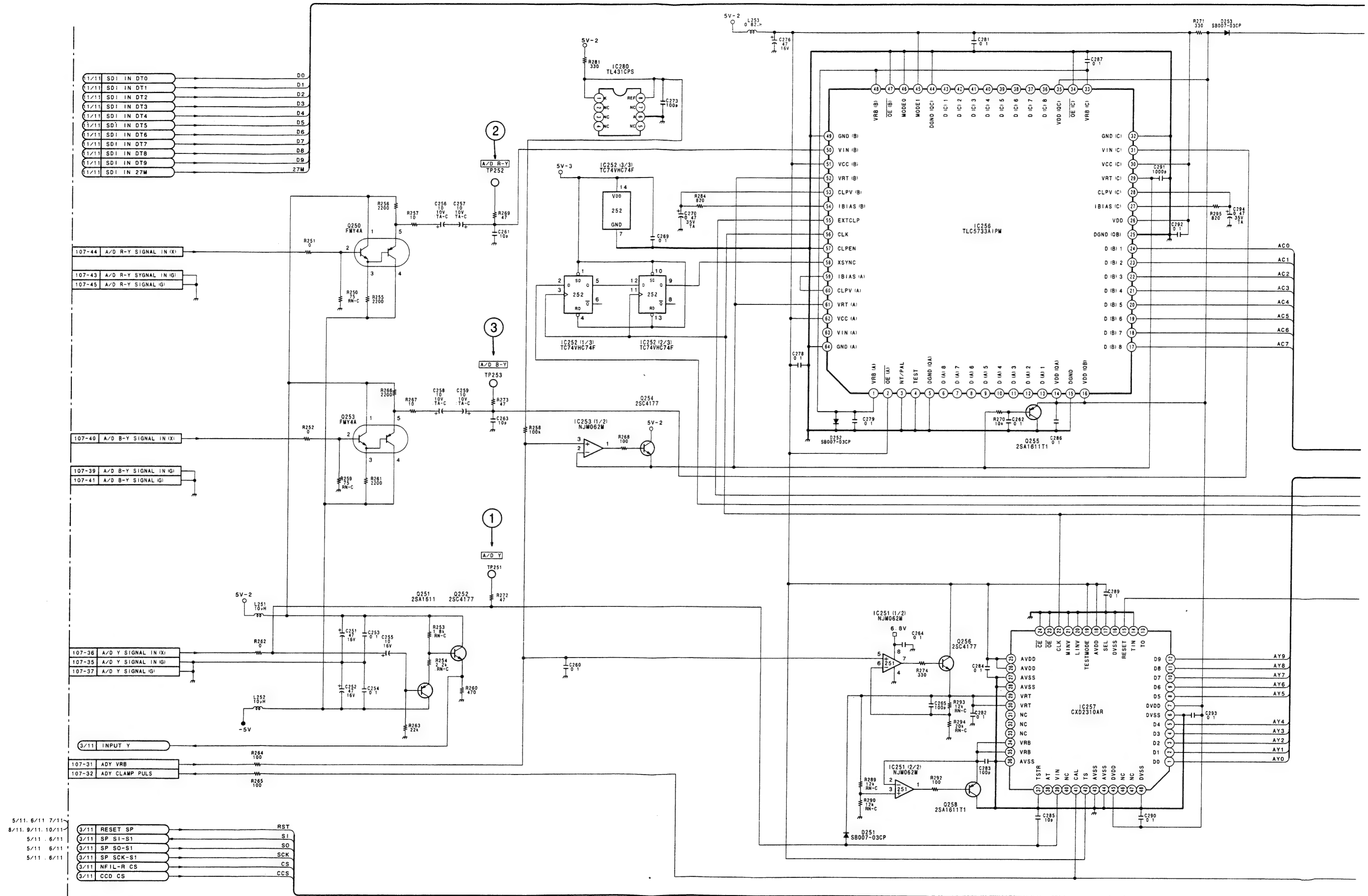
**5**



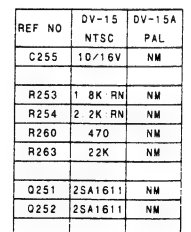


| REF NO | DV-15<br>NTSC     | DV-15A<br>PAL |
|--------|-------------------|---------------|
| R241   | 330               | NM            |
| R244   | 470K              | NM            |
| R231   | 0                 | NM            |
| C241   | 0 1               | NM            |
| C243   | 10/16V            | NM            |
| C246   | 0 1               | NM            |
| C247   | 0 1               | NM            |
| C248   | 10P               | NM            |
| C249   | 10P               | NM            |
| C250   | 0 1/20V           | NM            |
| X241   | 3.58M             | NM            |
| Q241   | 2SC4177           | NM            |
| IC205  | WC68HC<br>66VBF18 | NM            |
|        |                   |               |
|        |                   |               |

**DV-15/15A (3/11)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P







**P**

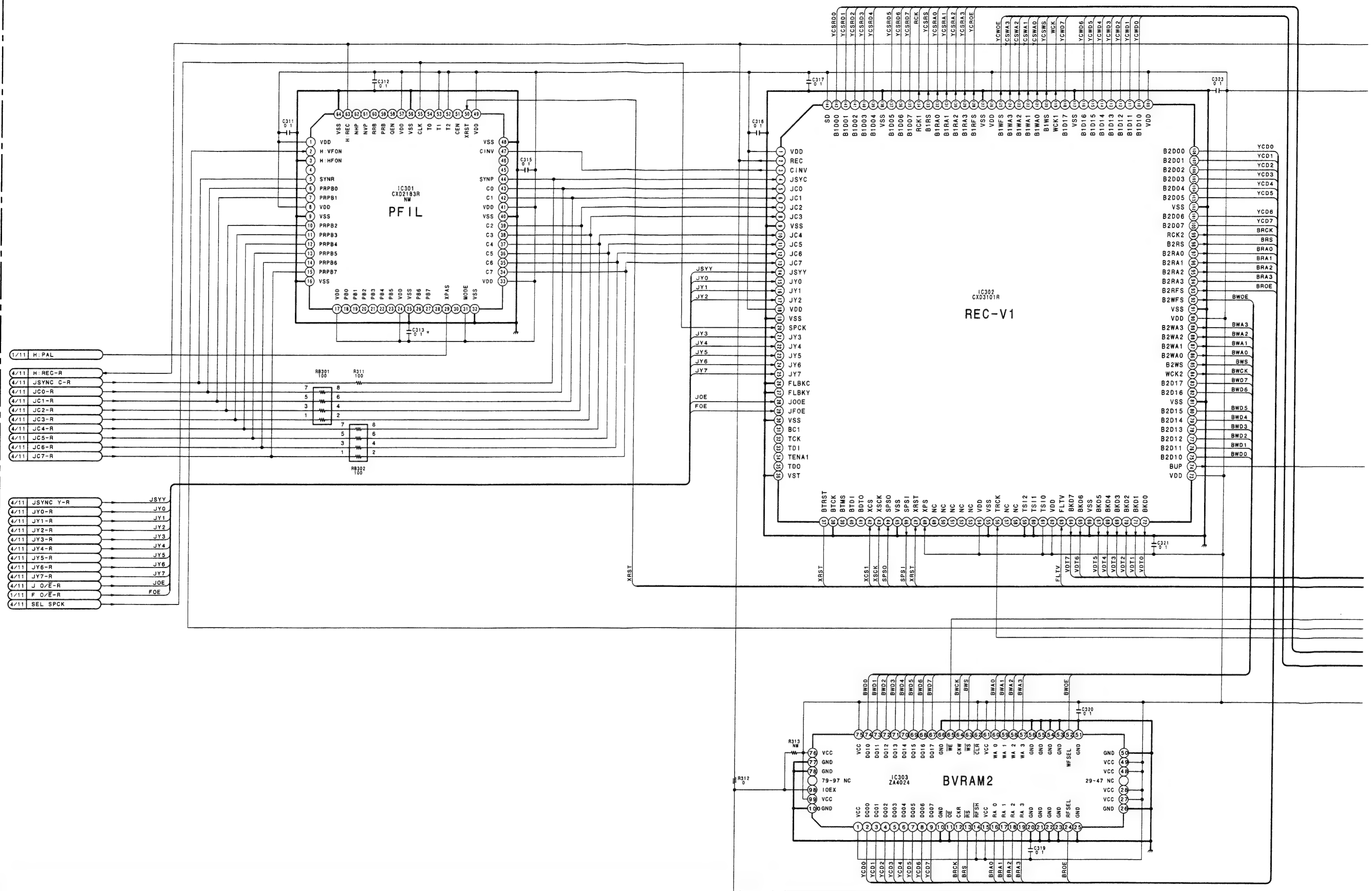
1

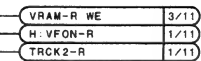
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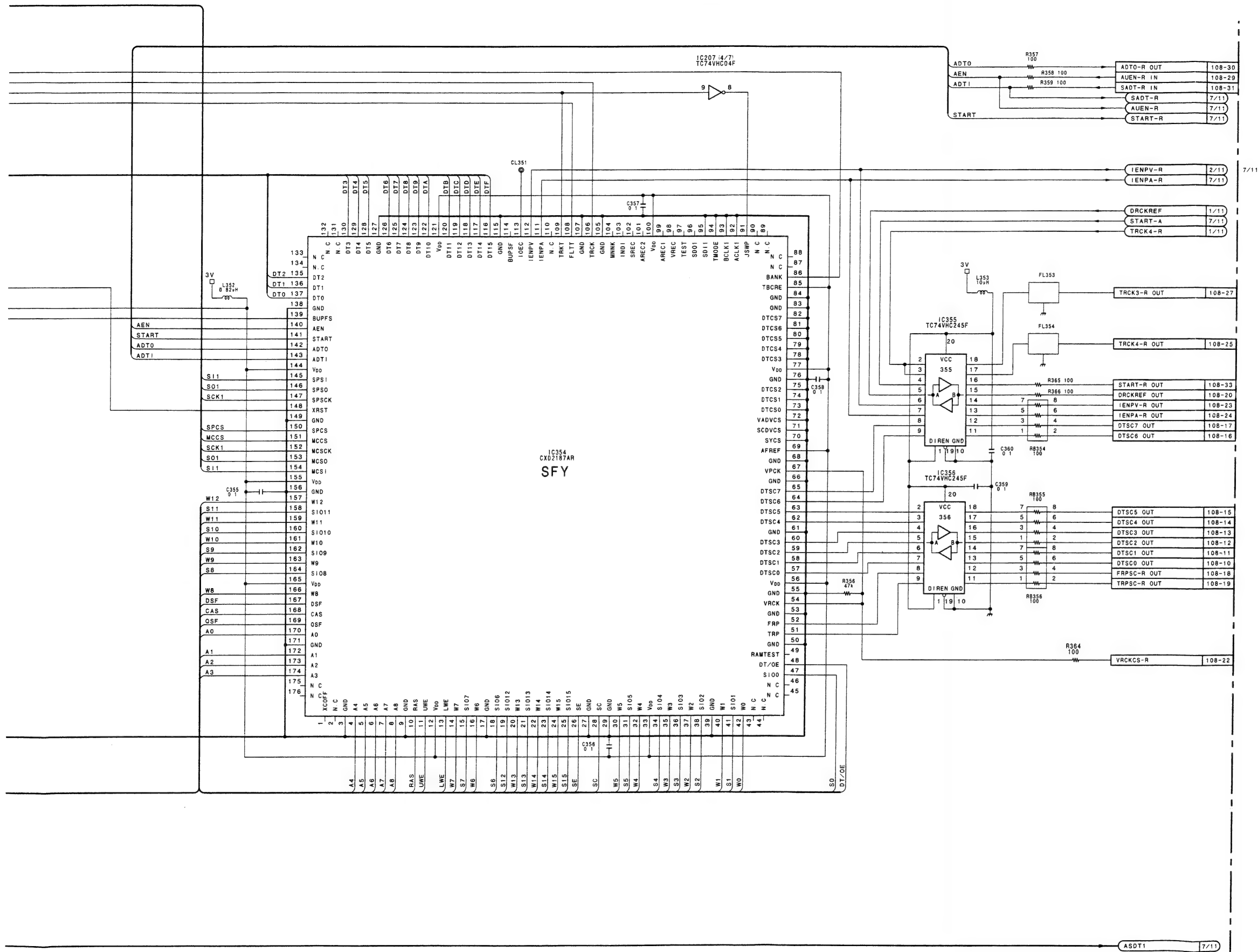


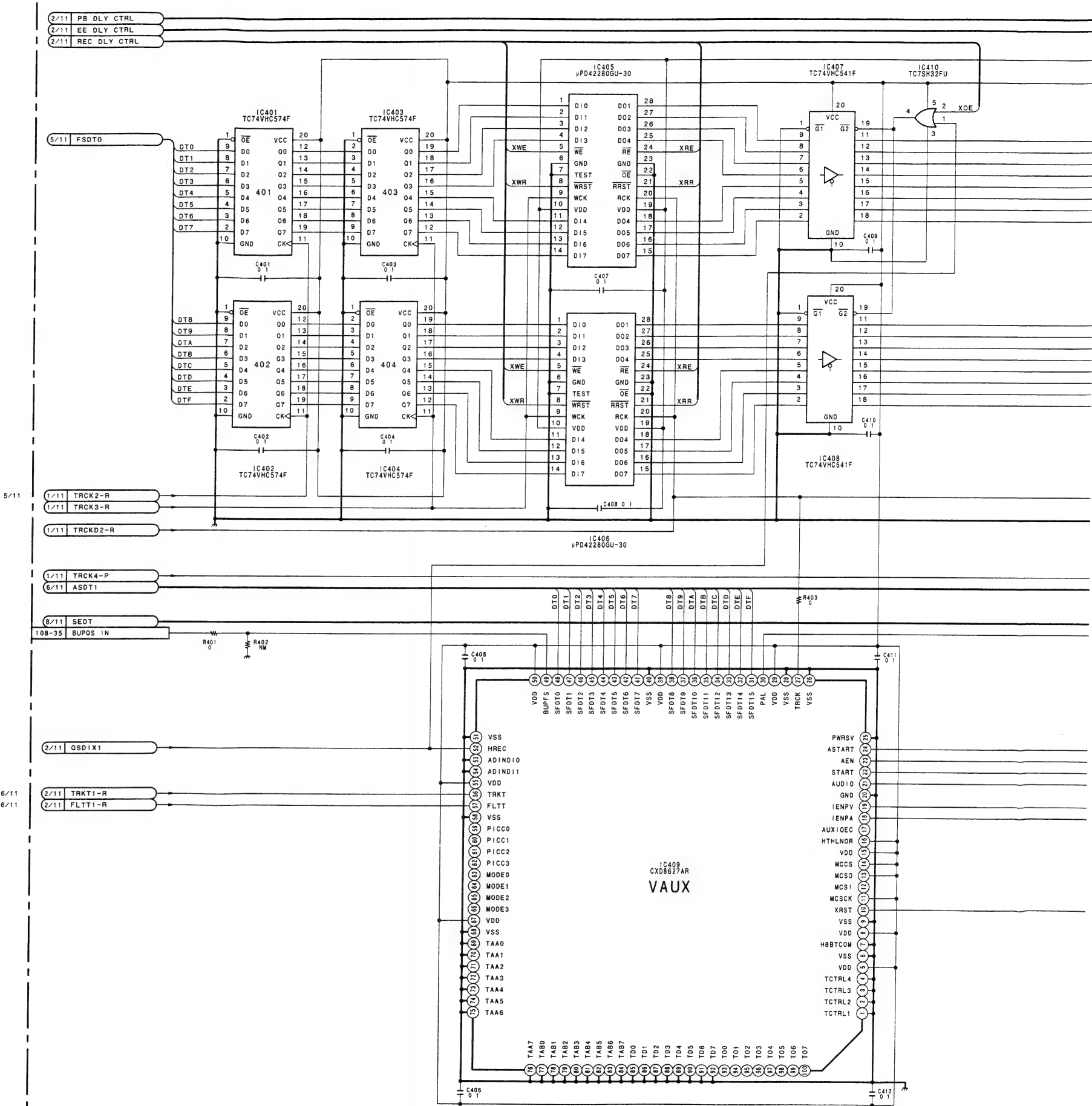


7/11





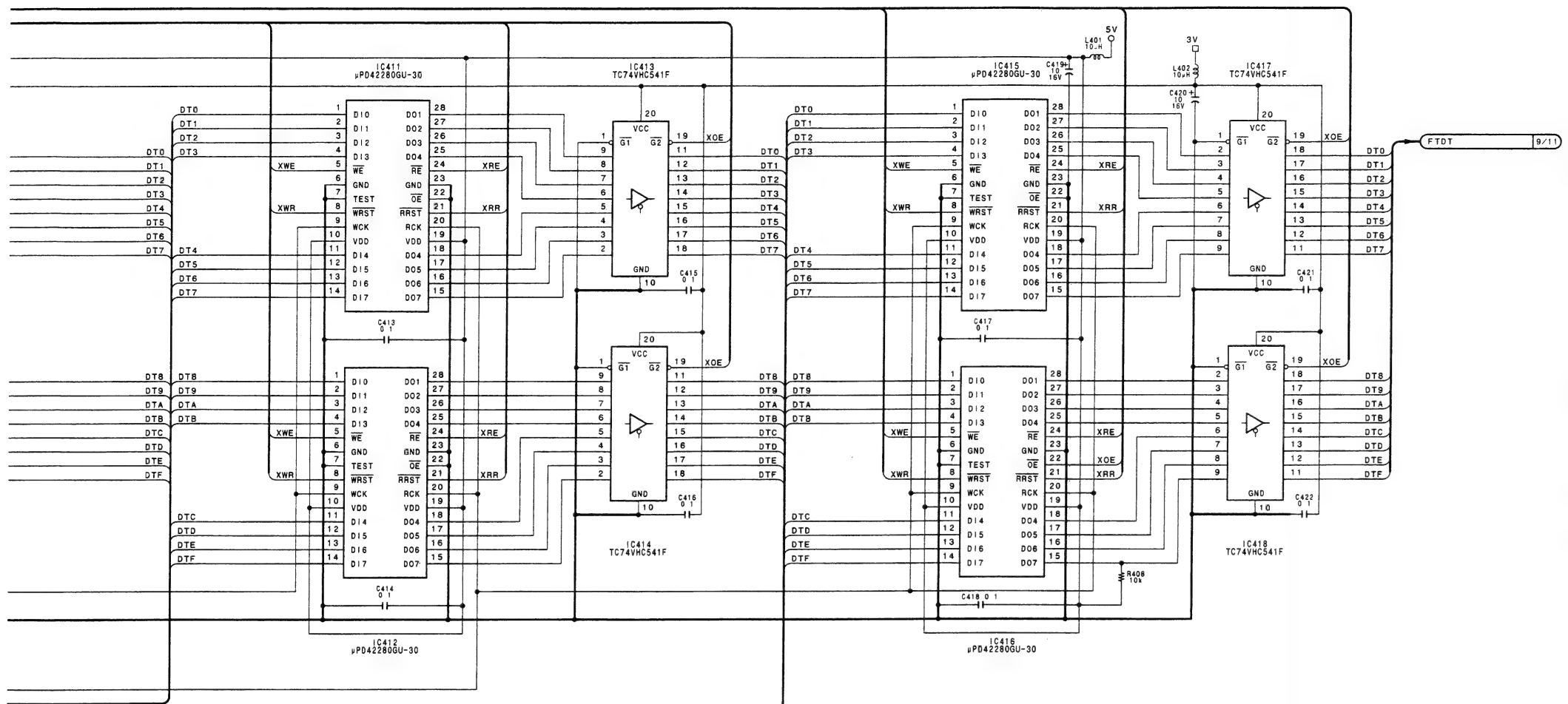




13-34 (b)

13-34 (b)





H: PAL 1/11

3/11, 5/11, 9/11, 11/11

START-A 6/11

AUEN-R 6/11

START-R 6/11

SADT-R 6/11

IENPV-R 2/11

IENPA-R 6/11

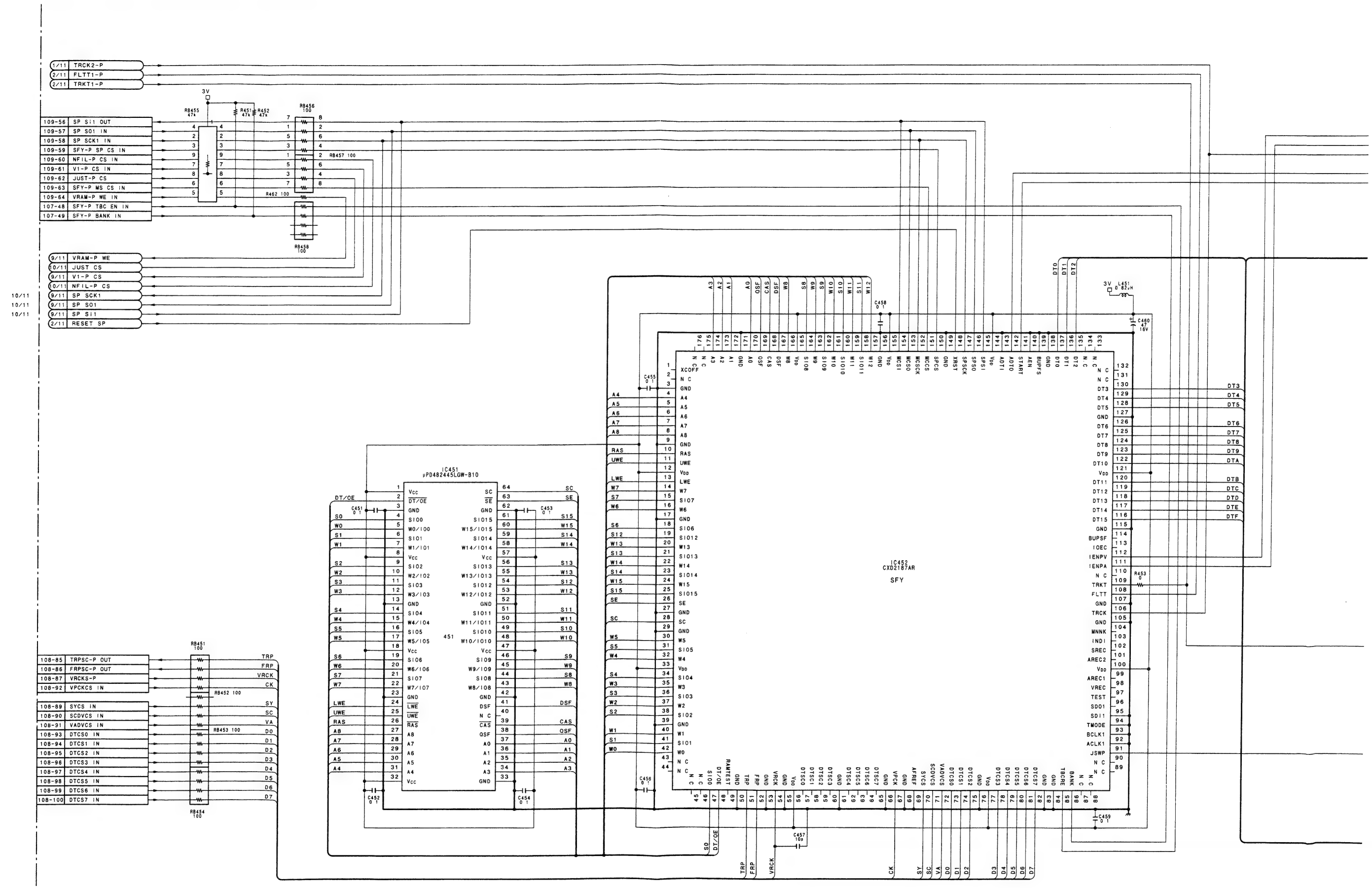
6/11

RESET SP 3/11

3/11, 4/11, 5/11, 9/11, 10/11

DV-15/15A (7/11)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P

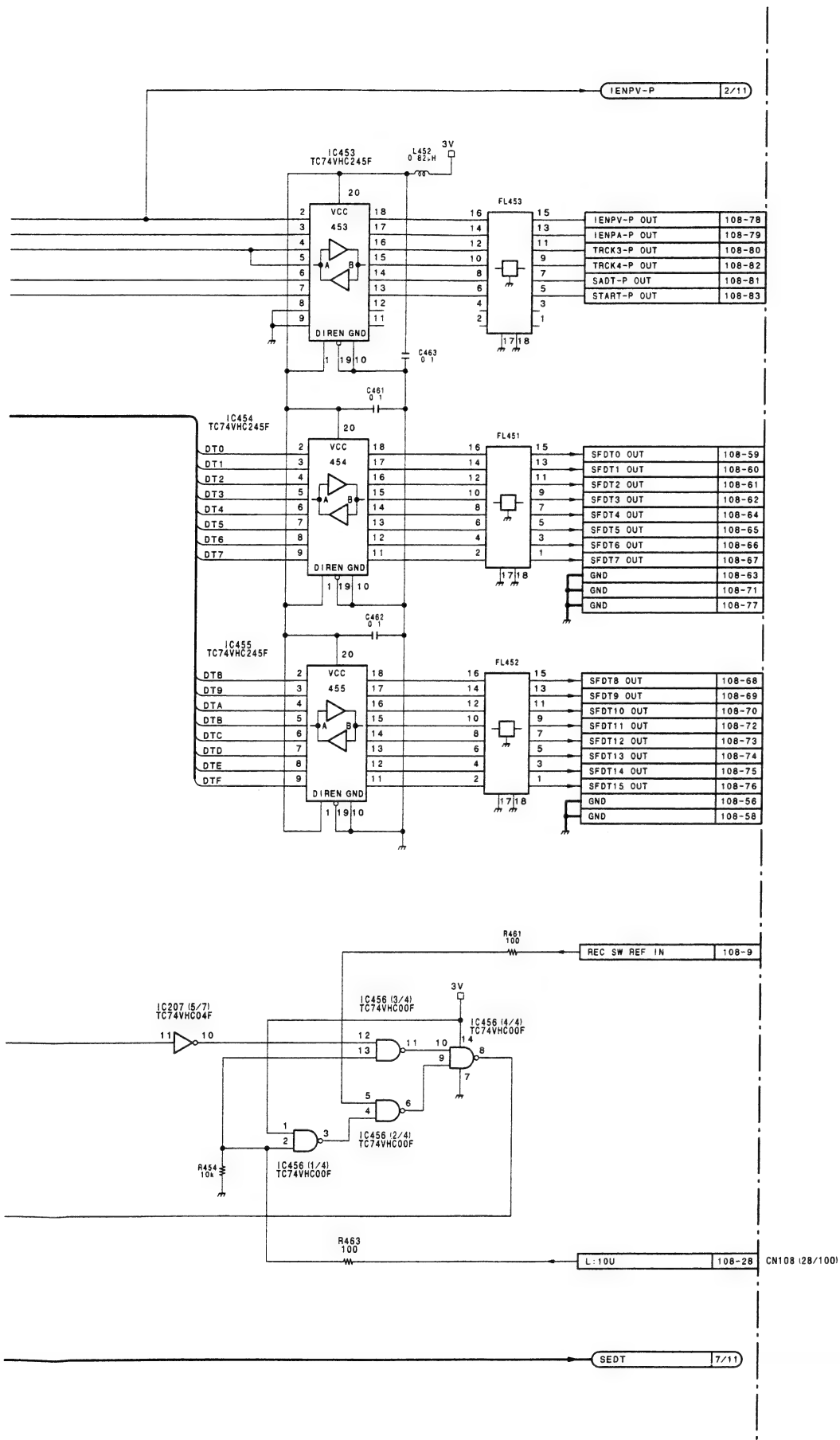
### DV-15/15A (8/11): VIDEO DIGITAL IN/OUT PROCESS

**DSR-80/80P**

13-36 (b)

13-36 (b)

DSR-80/80P



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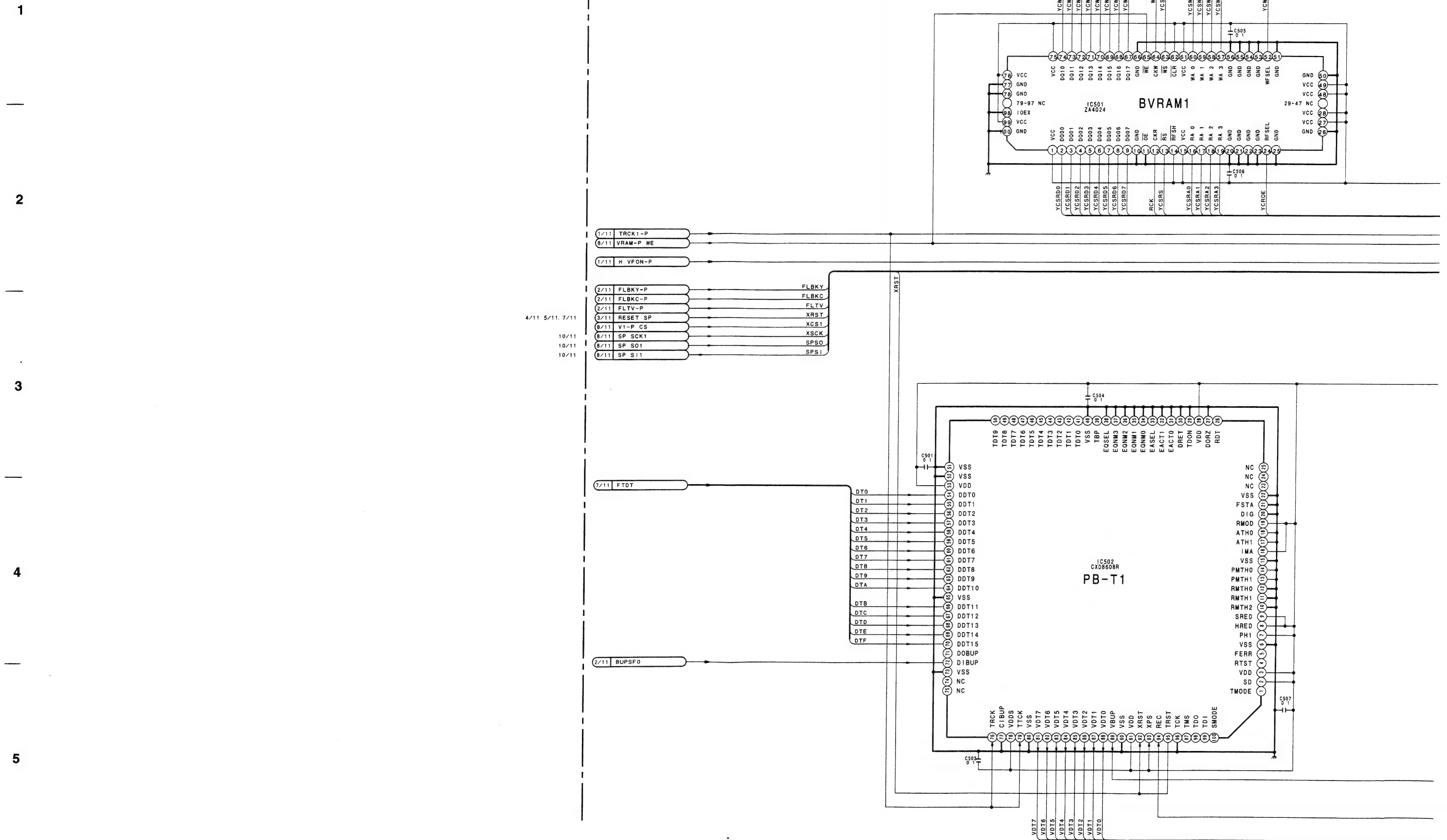
5

DV-15/15A (8/11)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P



## DV-15/15A (9/11): VIDEO DIGITAL IN/OUT PROCESS

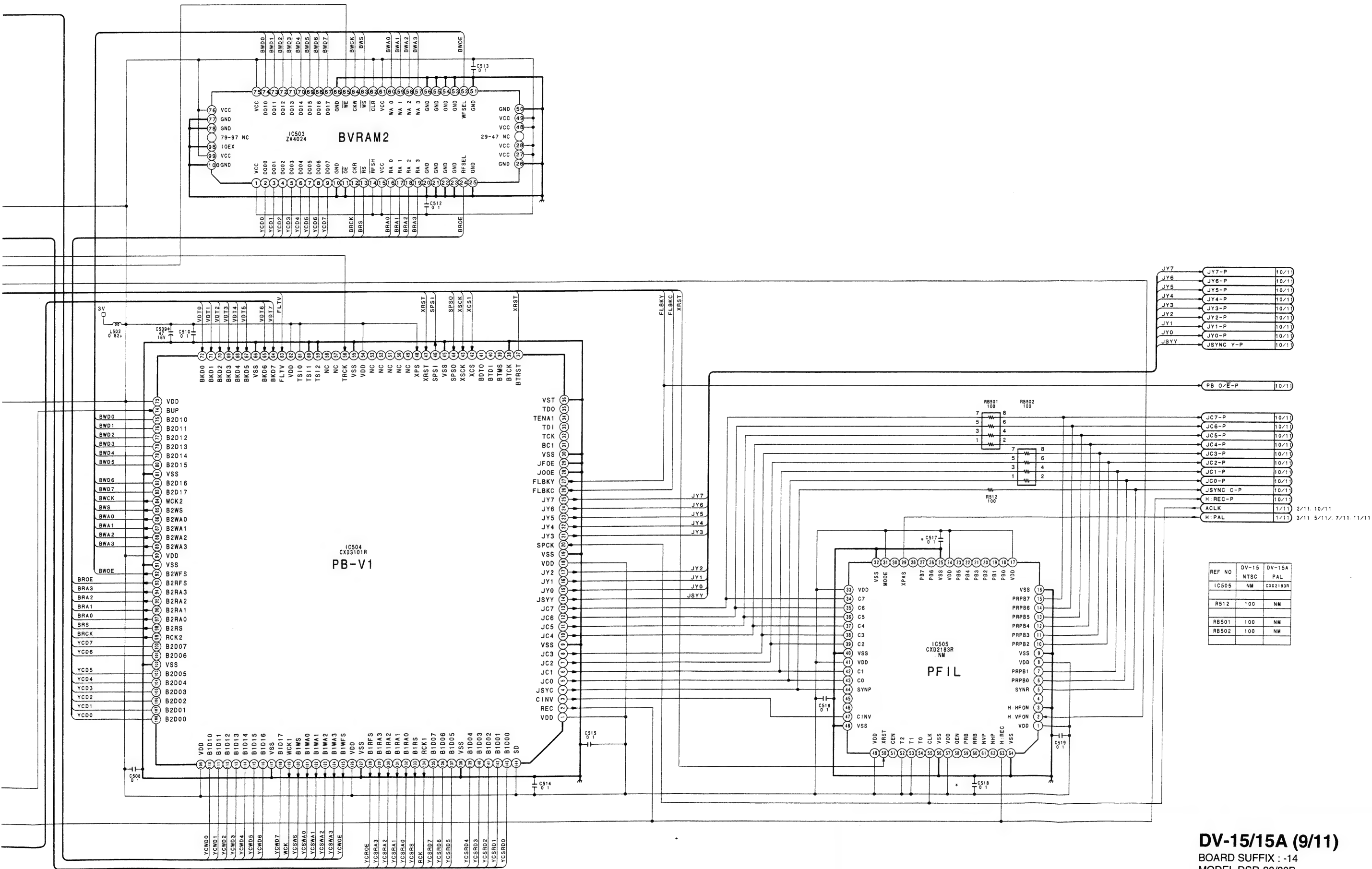
**DSR-80/80P**

**DSR-80/80P**

13-38 (b)

13-38 (b)

SR-80/80P

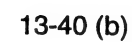


DSR-80/80P

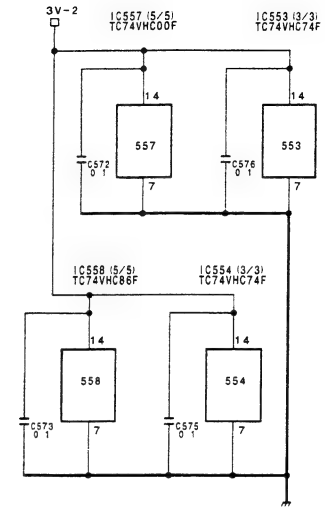
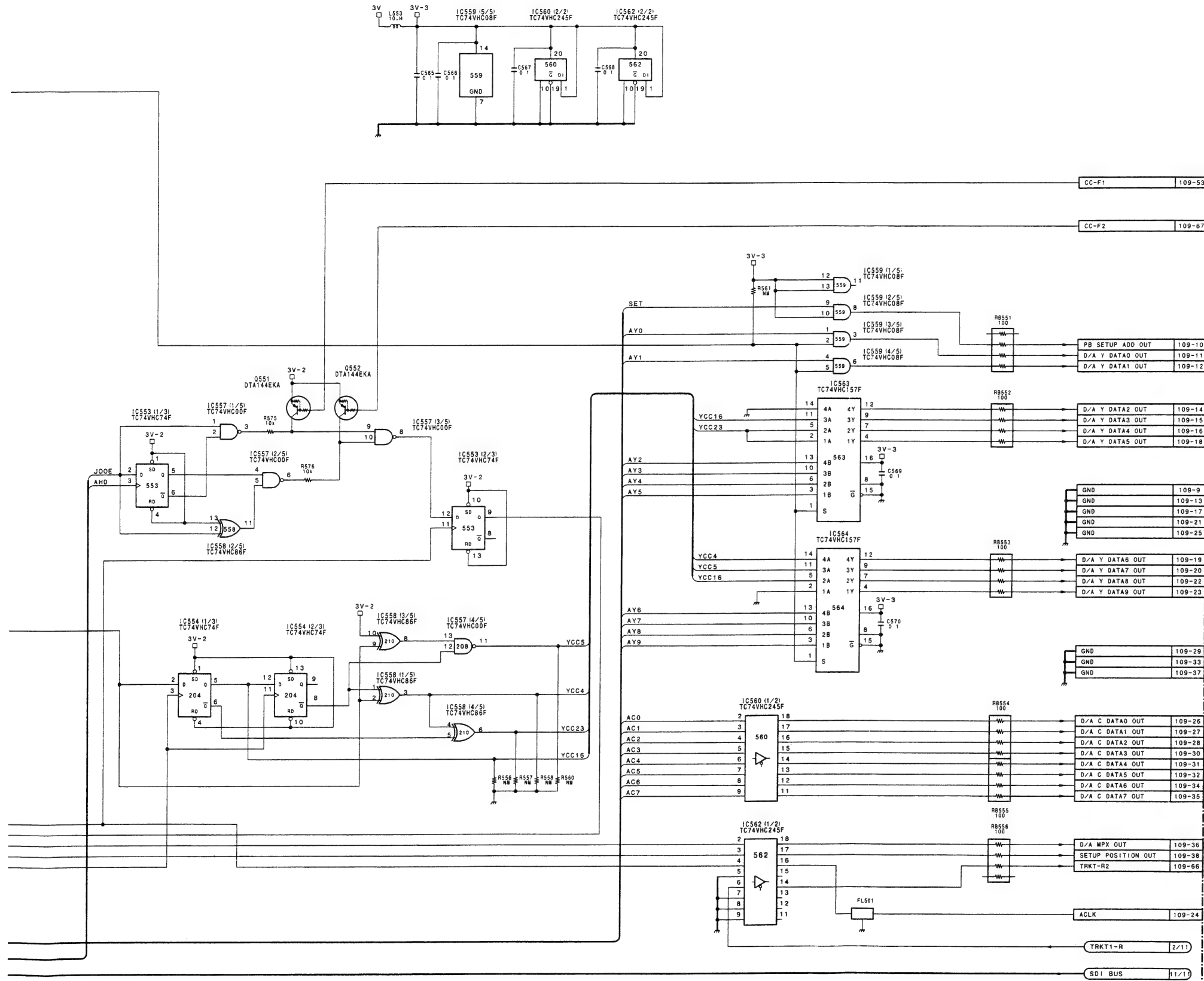
13-39 (b)

13-39 (b)

DV-15/15A (9/11)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P

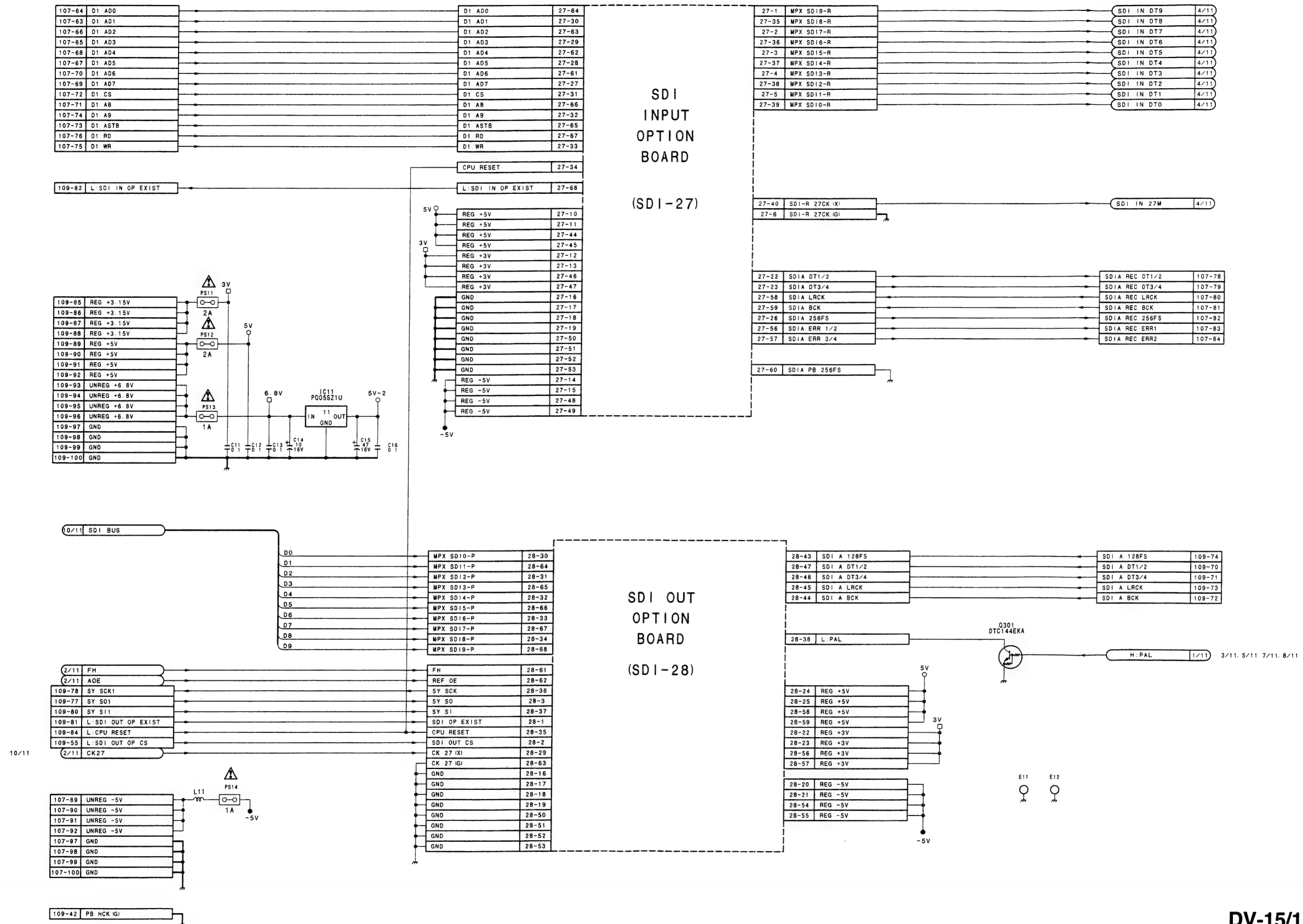






| REF NO | DV-15<br>NTSC | DV-15A<br>PAL |
|--------|---------------|---------------|
| 1C552  | CXD2182       | NM            |
| 1C553  | TC74VHC74F    | NM            |
| 1C554  | TC74VHC74F    | NM            |
| 1C557  | TC74VHC00F    | NM            |
| 1C558  | TC74VHC86F    | NM            |
| Q551   | DTA144EKA     | NM            |
| Q552   | DTA144EKA     | NM            |
| R556   | NM            | 0             |
| R557   | NM            | 0             |
| R558   | NM            | 0             |
| R560   | NM            | 0             |
| R561   | NM            | 0             |
| R575   | 10K           | NM            |
| R576   | 10K           | NM            |
| C557   | 0.1           | NM            |
| C558   | 0.1           | NM            |
| C560   | 0.1           | NM            |
| C561   | 0.1           | NM            |
| C562   | 0.1           | NM            |
| C563   | 0.1           | NM            |
| C572   | 0.1           | NM            |
| C573   | 0.1           | NM            |
| C575   | 0.1           | NM            |
| C576   | 0.1           | NM            |







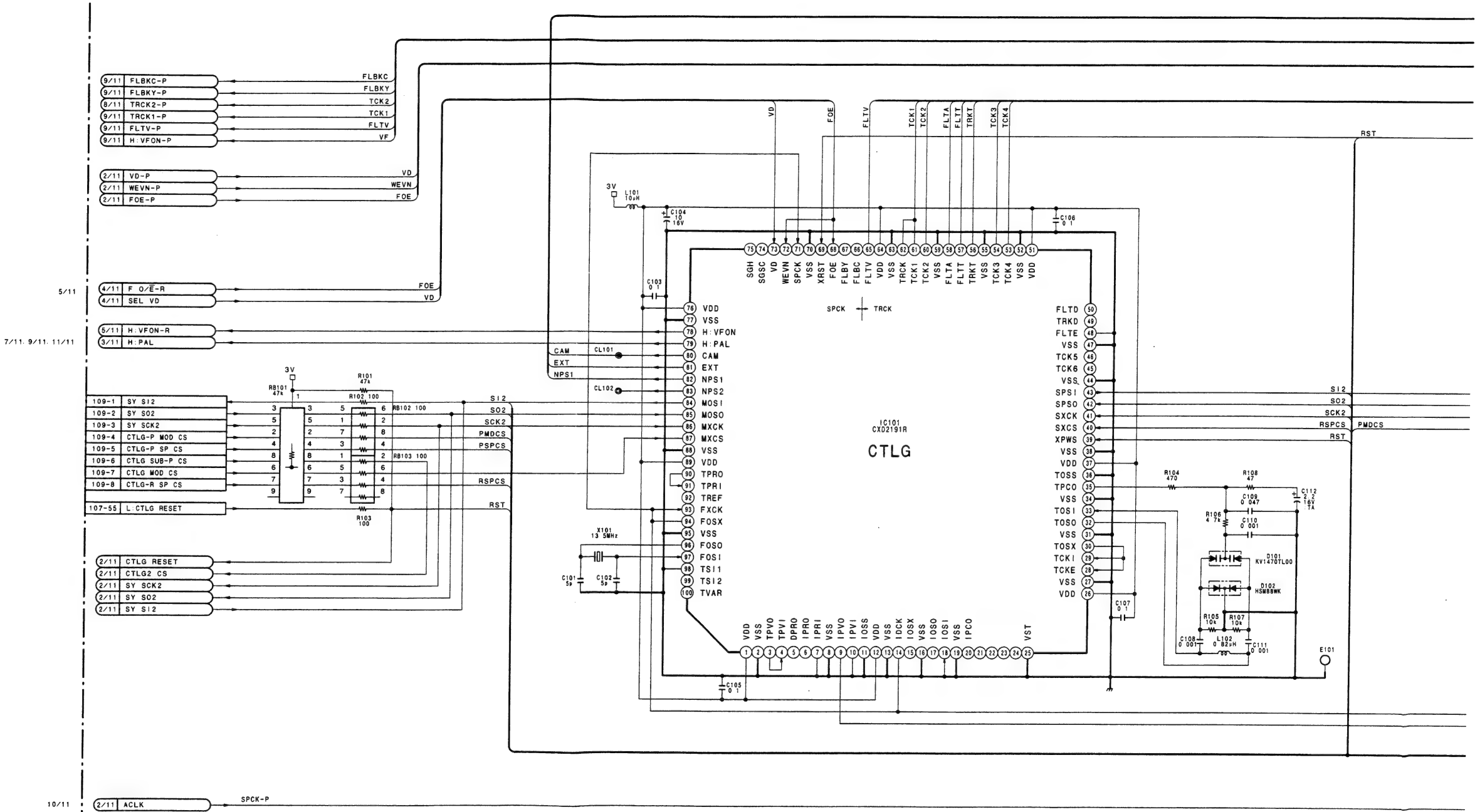
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A

B

C

D

E

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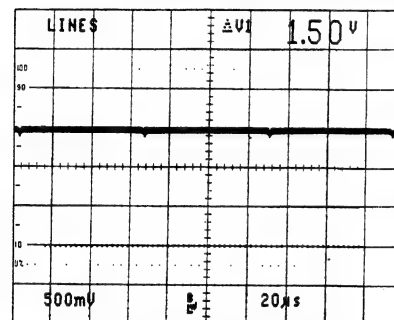
G

H



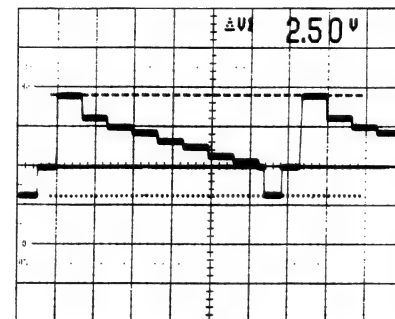
DV-15 (3/11)

① TP201 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)

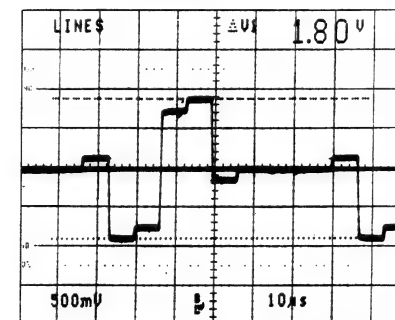


DV-15 (4/11)

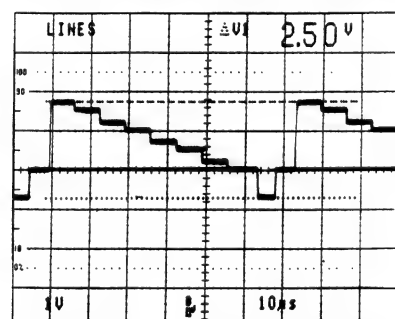
① TP251 MODE: 75% Color Bar/REC • EE (NTSC)



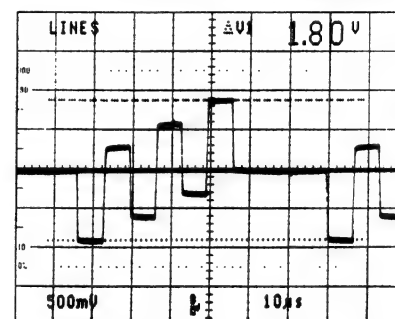
② TP252 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)



① TP251 MODE: 100% Color Bar/REC • EE (PAL)



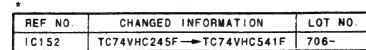
③ TP253 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)





**DSR-80/80P**

**DSR-80/80P**



**DV-15/15A (2/11)**  
BOARD SUFFIX : -13  
MODEL DSR-80/80P

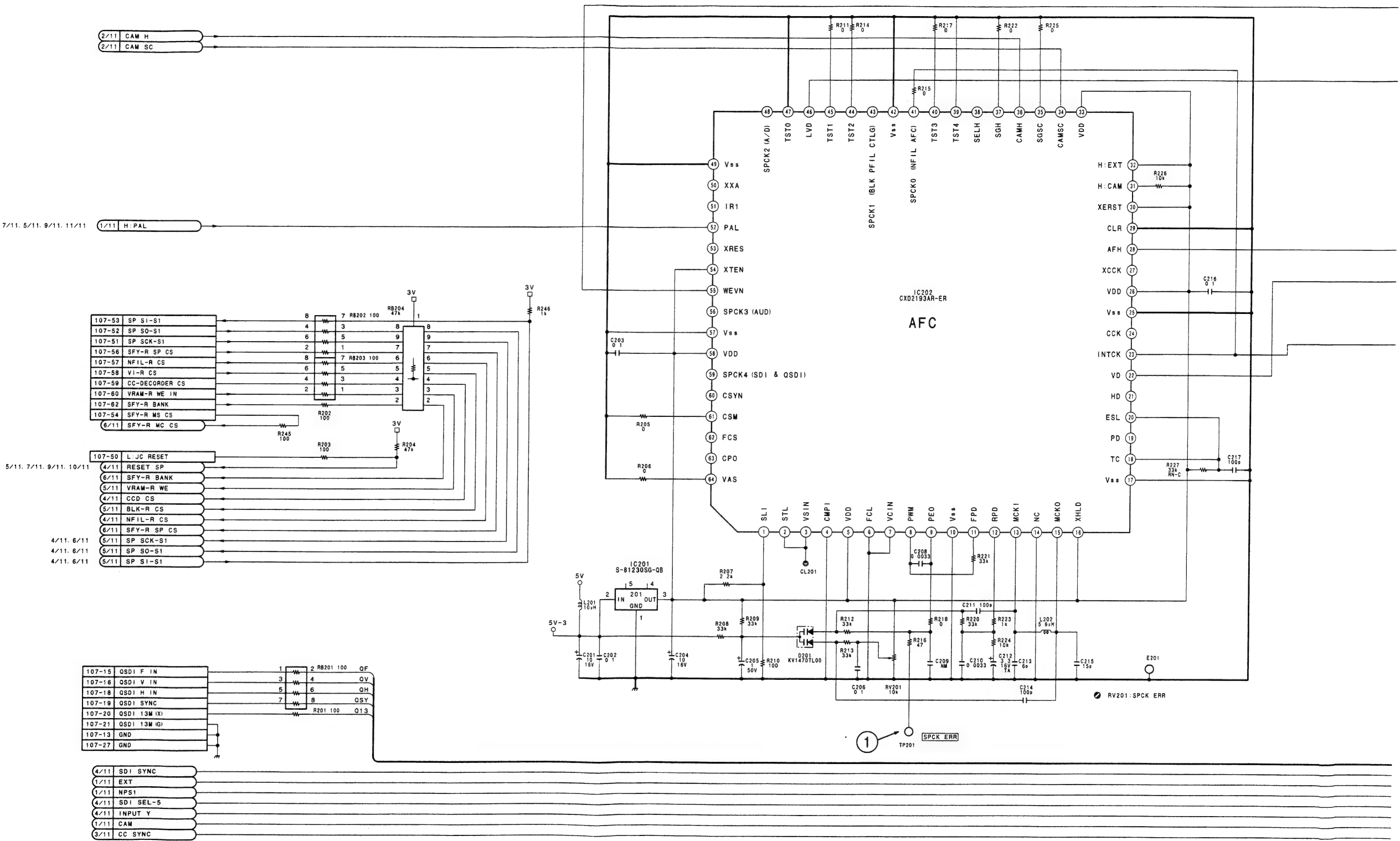
1

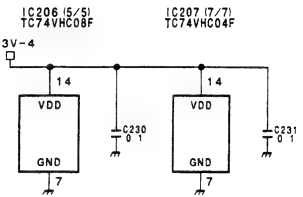
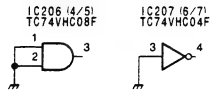
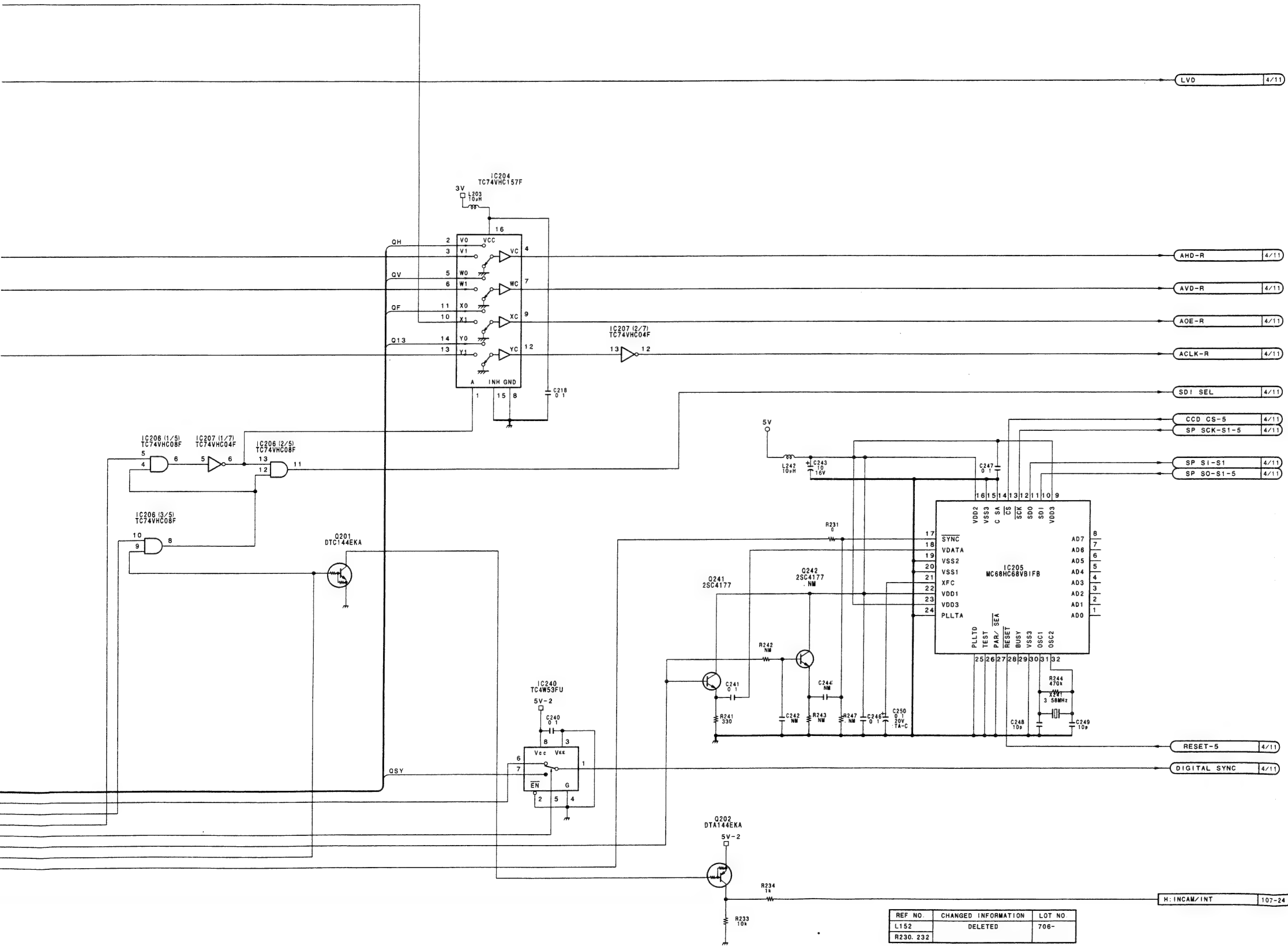
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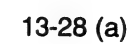


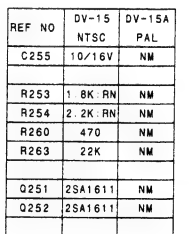
| REF NO | DV-15         | DV-15A |
|--------|---------------|--------|
| R241   | 330           | NM     |
| R244   | 470K          | NM     |
| R231   | 0             | NM     |
| C241   | 0.1           | NM     |
| C243   | 10/16V        | NM     |
| C245   | 0.1           | NM     |
| C247   | 0.1           | NM     |
| C248   | 10P           | NM     |
| C249   | 10P           | NM     |
| C250   | 0.1/20V       | NM     |
| X241   | 3.58M         | NM     |
| Q241   | 2SC4177       | NM     |
| IC205  | MC68HC68V8IFB | NM     |

| REF NO    | CHANGED INFORMATION | LOT NO |
|-----------|---------------------|--------|
| L152      | DELETED             | 706-   |
| R230, 232 |                     |        |

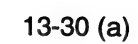
DV-15/15A (3/11)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P



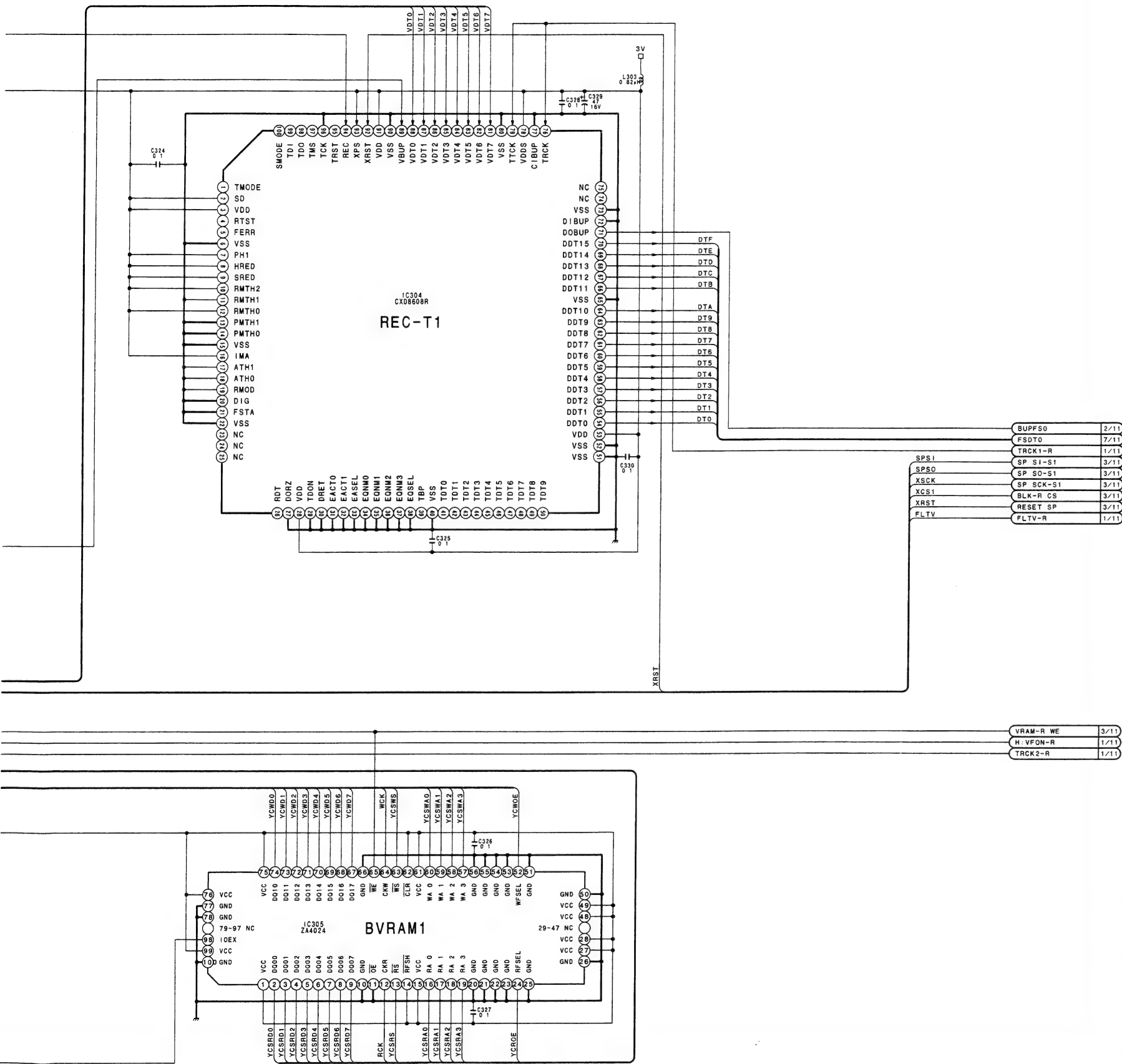




**P**







| REF NO | NTSC | PAL       |
|--------|------|-----------|
| IC301  | N M  | CXD21834R |
| R311   | 100  | N M       |
| RB301  | 100  | N M       |
| RB302  | 100  | N M       |

|           |      |
|-----------|------|
| SPS1      | 2/11 |
| SPS0      | 7/11 |
| TRCK1-R   | 1/11 |
| SP S1-S1  | 3/11 |
| SP S0-S1  | 3/11 |
| SP SCK-S1 | 3/11 |
| BLK-R CS  | 3/11 |
| RESET SP  | 3/11 |
| FLTV-R    | 1/11 |

4/11, 6/11  
4/11, 6/11  
4/11, 6/11  
4/11, 6/11, 7/11, 8/11, 9/11, 10/11

|           |      |
|-----------|------|
| VRAM-R WE | 3/11 |
| H-VFON-R  | 1/11 |
| TRCK2-R   | 1/11 |

7/11

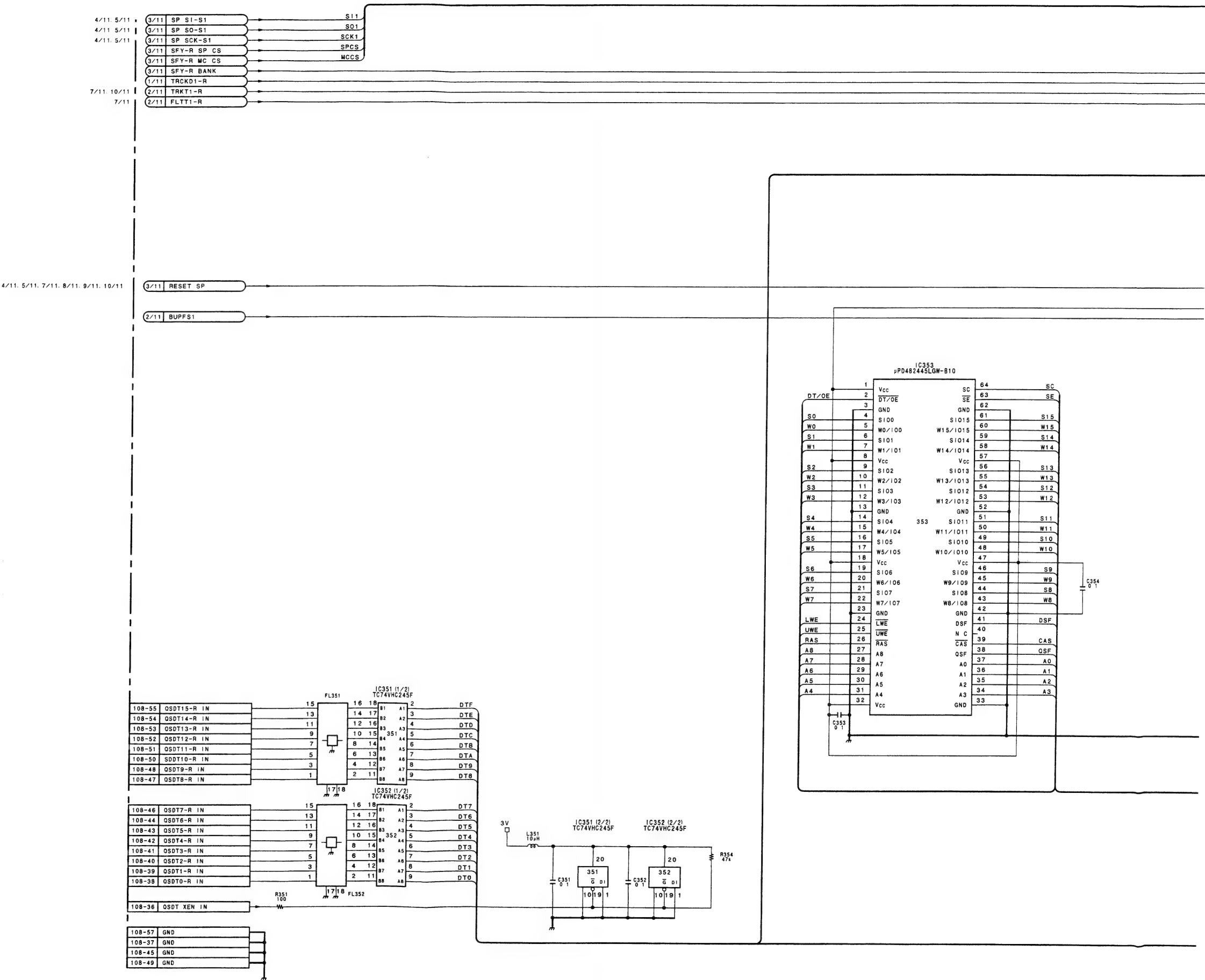
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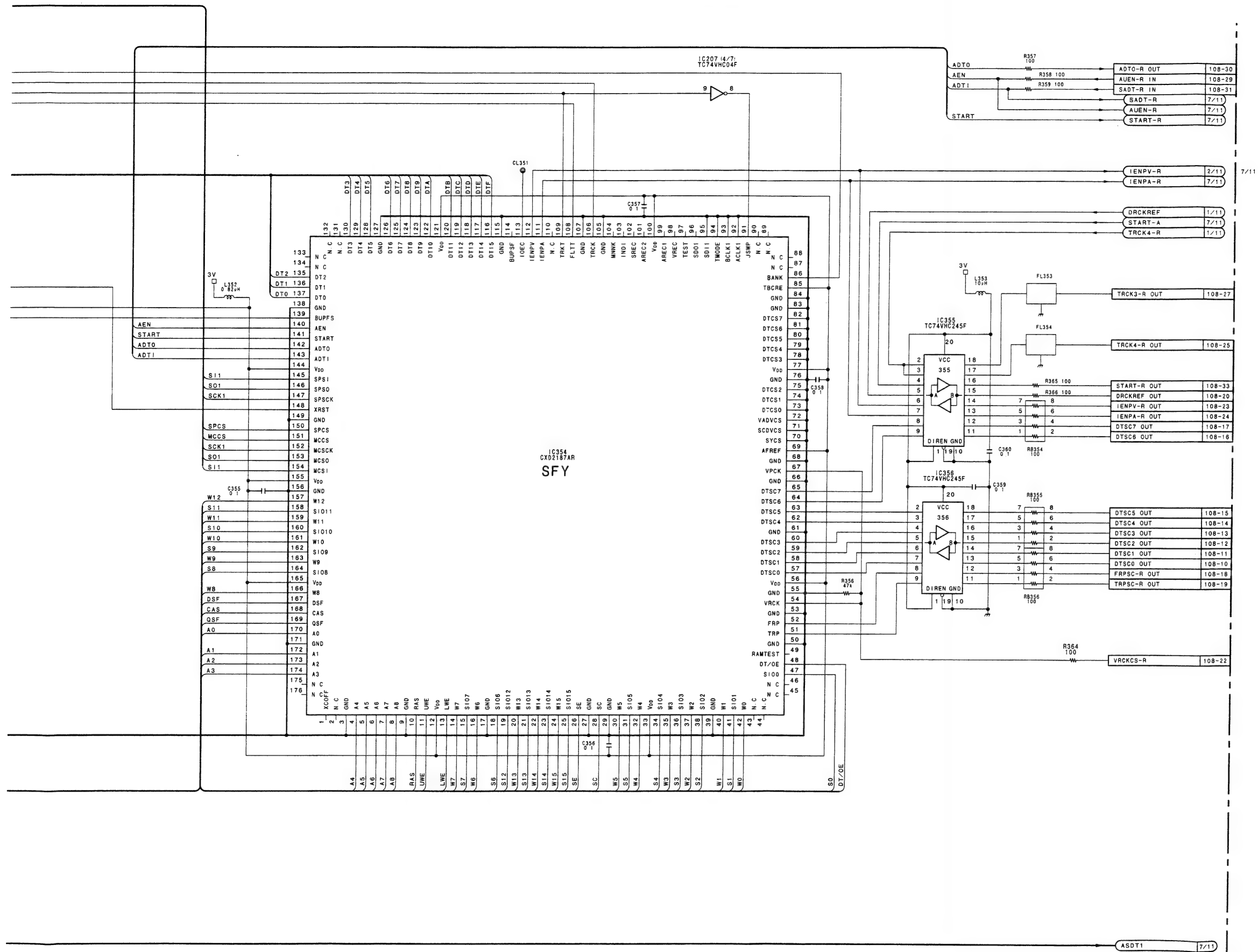
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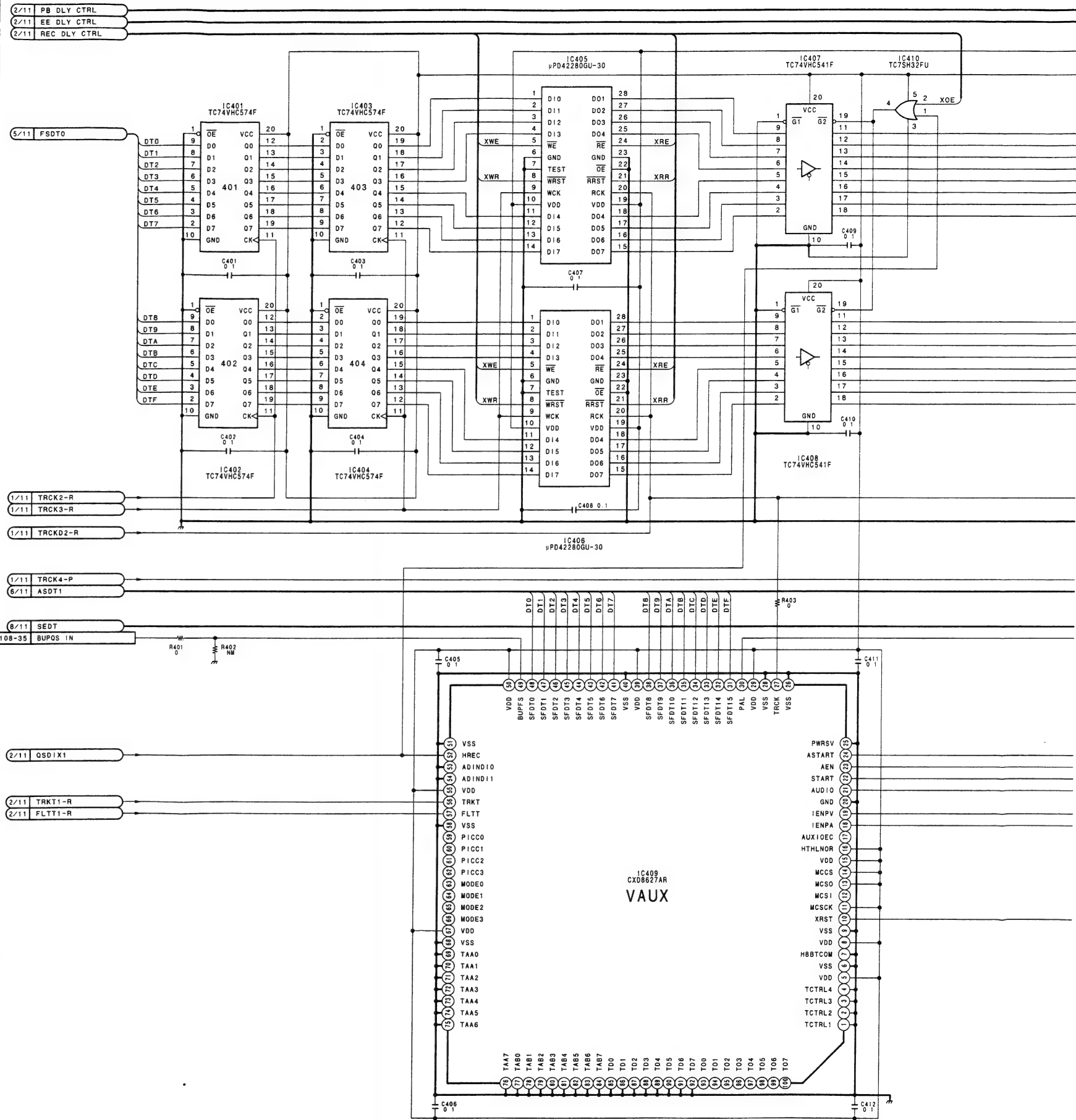


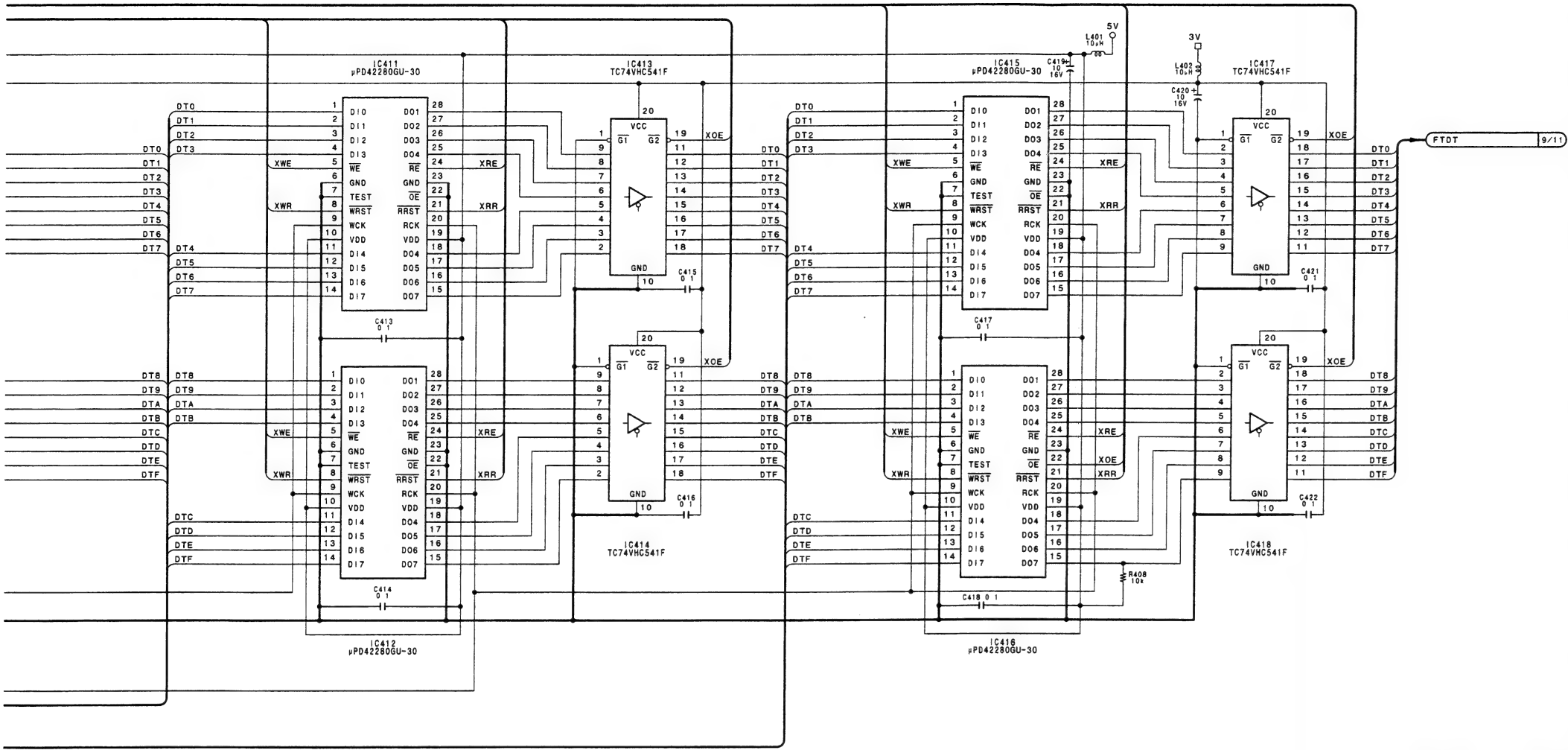
13-32 (a)

13-32 (a)









H: PAL 1/11

3/11, 5/11, 9/11, 11/11

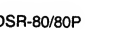
START-A 5/11  
AUEN-R 5/11  
START-R 6/11  
SADT-R 6/11  
IENPV-R 2/11  
IENPA-R 6/11

6/11

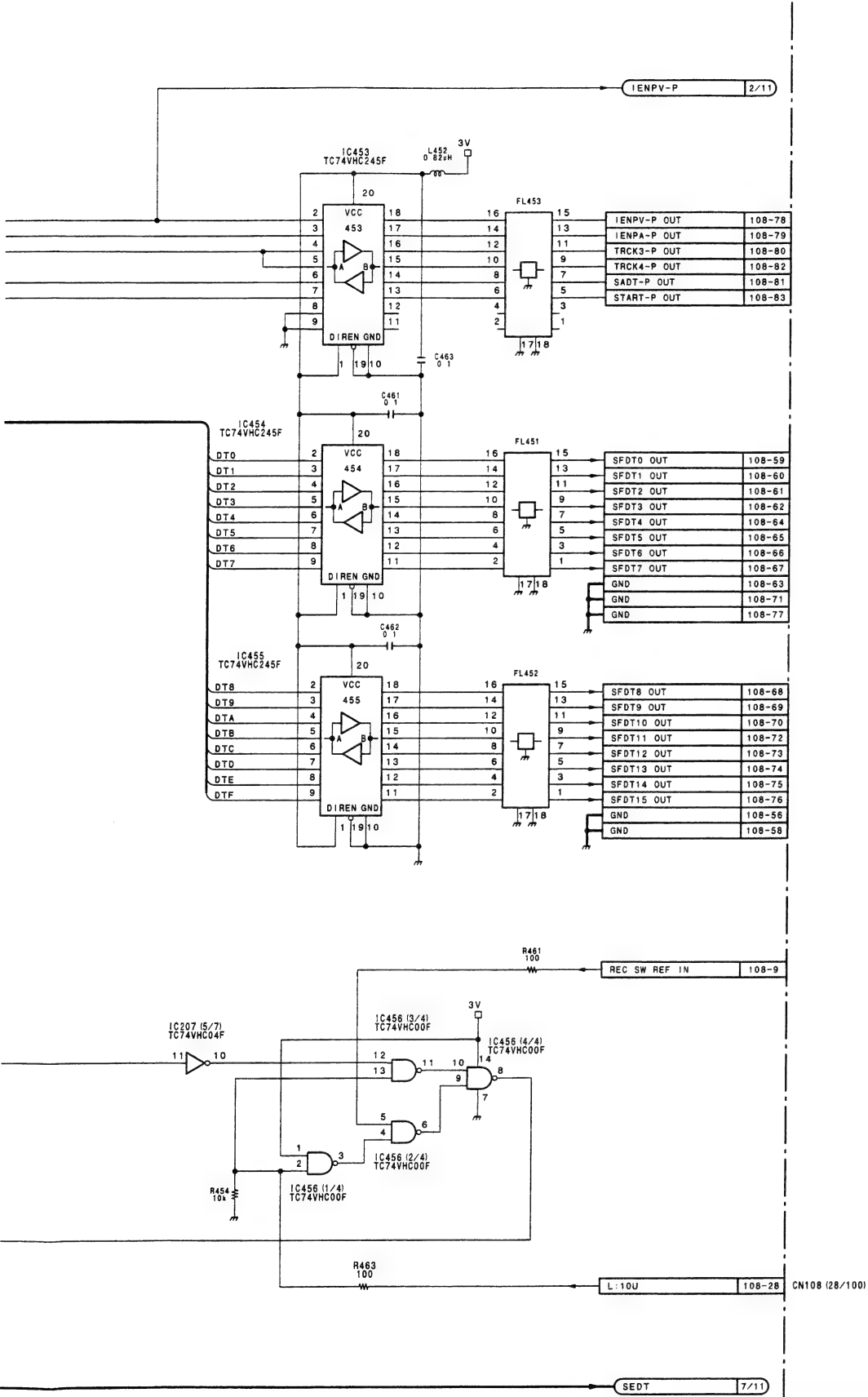
RESET SP 3/11

3/11, 4/11, 5/11, 9/11, 10/11

DV-15/15A (7/11)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P







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DV-15/15A (8/11)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P

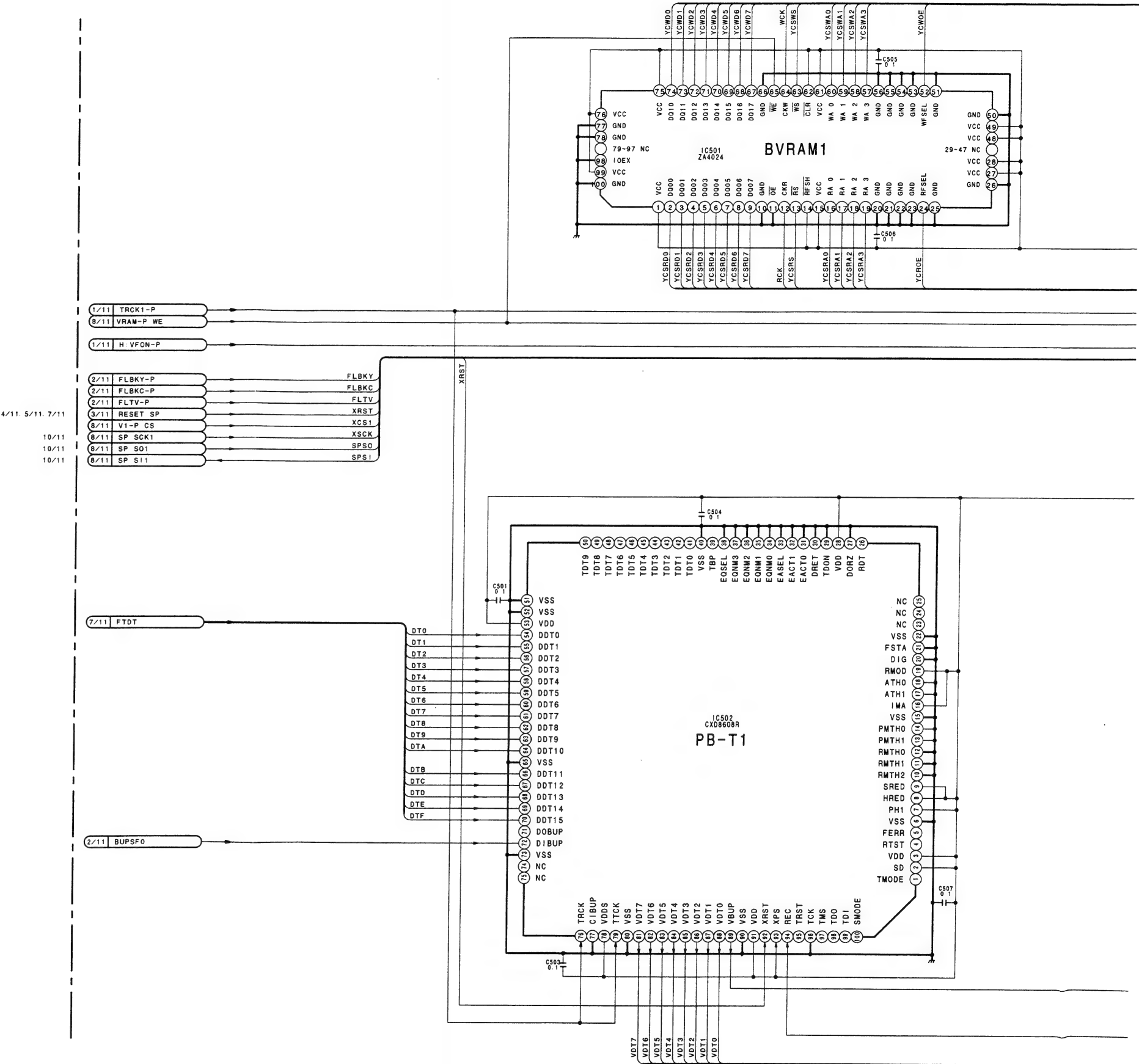
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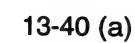
13-38 (a)

13-38 (a)



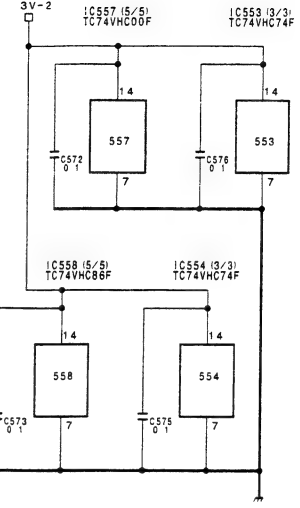
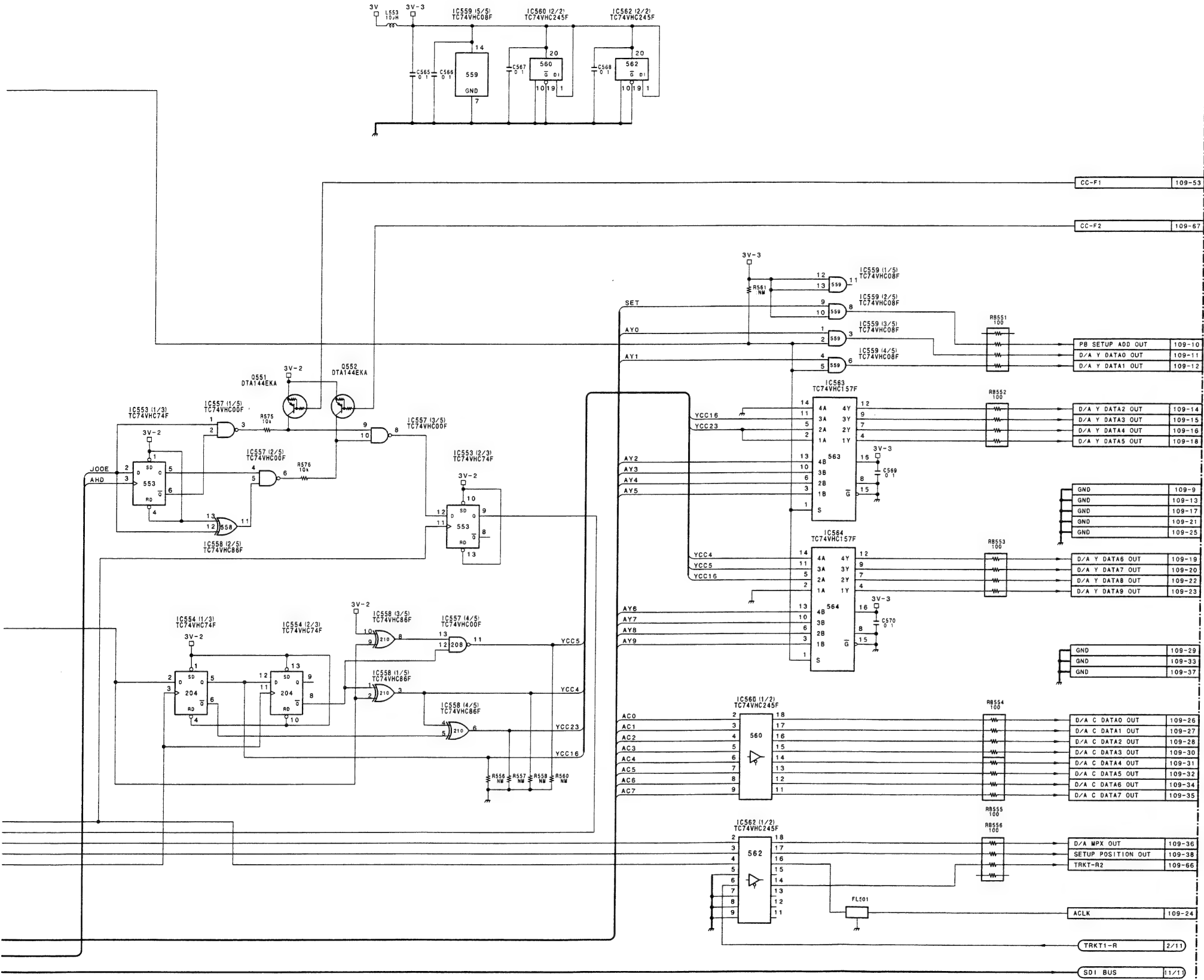


5



DSR-80/80P

DSR-80/80P



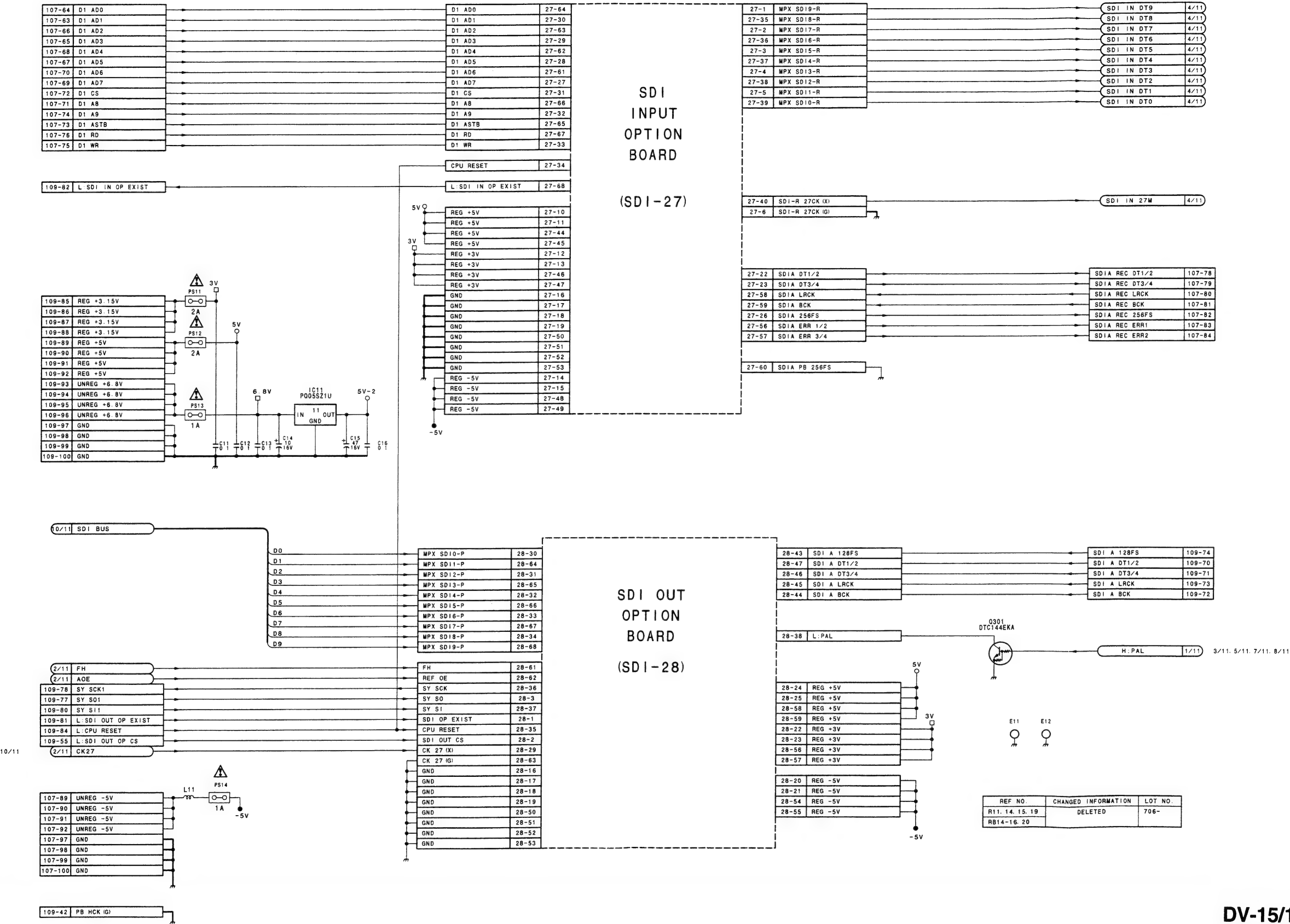
| REF NO | DV-15<br>NTSC | DV-15A<br>PAL |
|--------|---------------|---------------|
| IC552  | CX02182       | NM            |
| IC553  | TC74VHC74F    | NM            |
| IC554  | TC74VHC74F    | NM            |
| IC557  | TC74VHC00F    | NM            |
| IC558  | TC74VHC86F    | NM            |
| Q551   | DTA144EKA     | NM            |
| Q552   | DTA144EKA     | NM            |
| R556   | NM            | 0             |
| R557   | NM            | 0             |
| R558   | NM            | 0             |
| R560   | NM            | 0             |
| R561   | NM            | 0             |
| R575   | 10K           | NM            |
| R576   | 10K           | NM            |
| C557   | 0.1           | NM            |
| C559   | 0.1           | NM            |
| C560   | 0.1           | NM            |
| C561   | 0.1           | NM            |
| C562   | 0.1           | NM            |
| C563   | 0.1           | NM            |
| C572   | 0.1           | NM            |
| C573   | 0.1           | NM            |
| C575   | 0.1           | NM            |
| C576   | 0.1           | NM            |

| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| L554    | DELETED             | 706-    |

DV-15/15A (10/11)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P







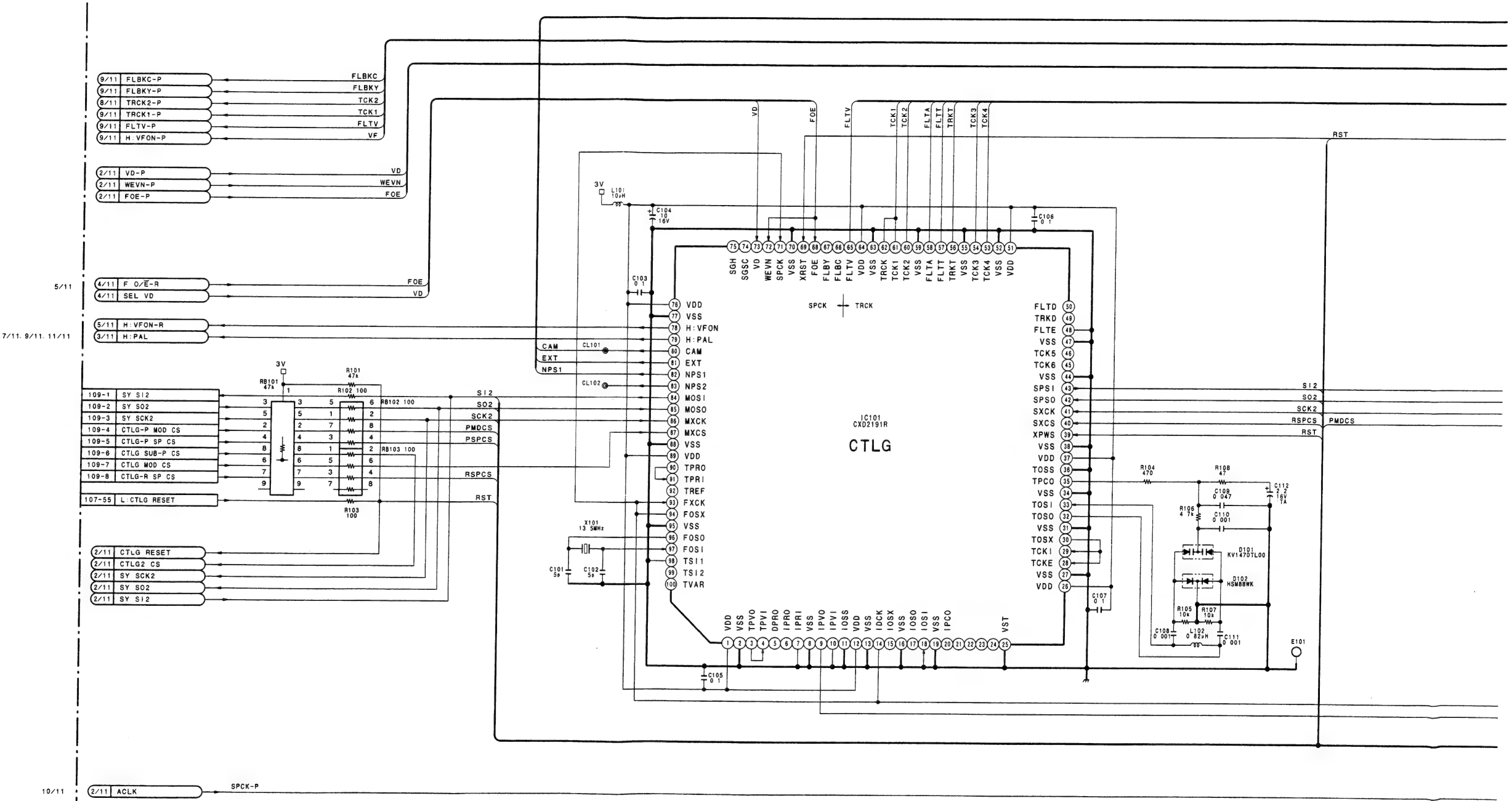
1

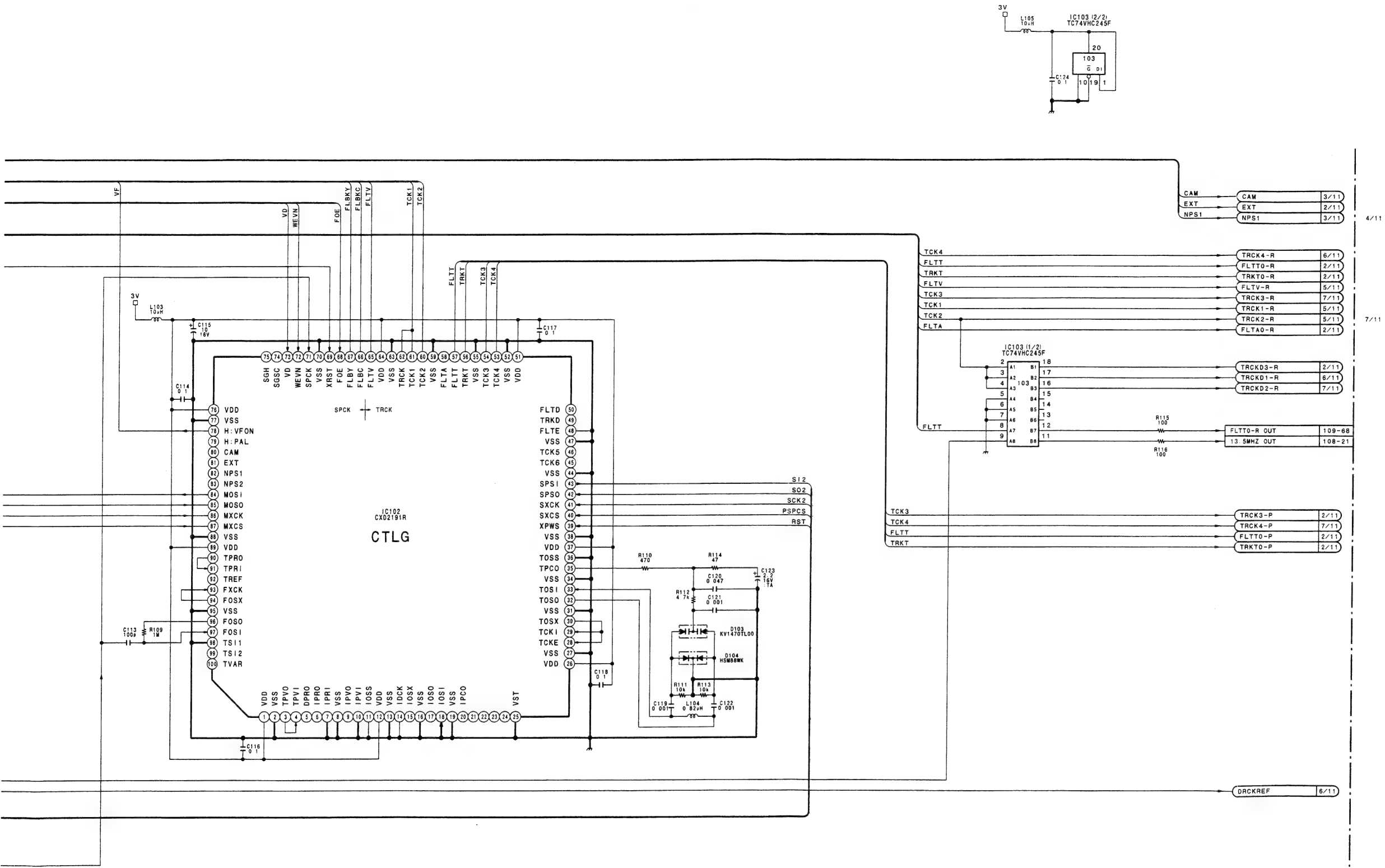
2

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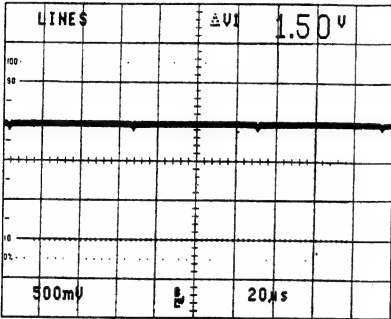
4

5



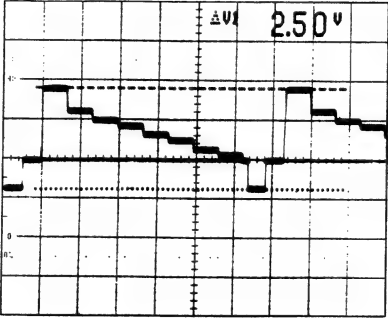
DV-15 (3/11)

① TP201 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)

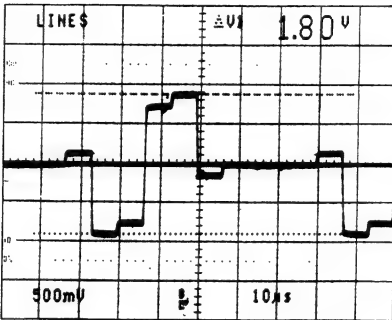


DV-15 (4/11)

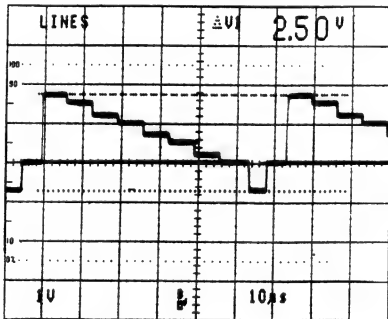
① TP251 MODE: 75% Color Bar/REC • EE (NTSC)



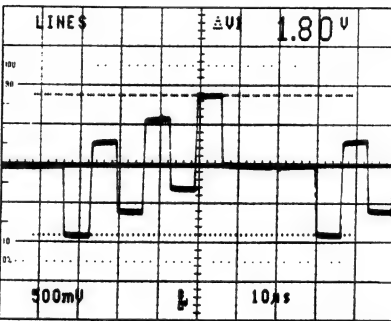
② TP252 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)

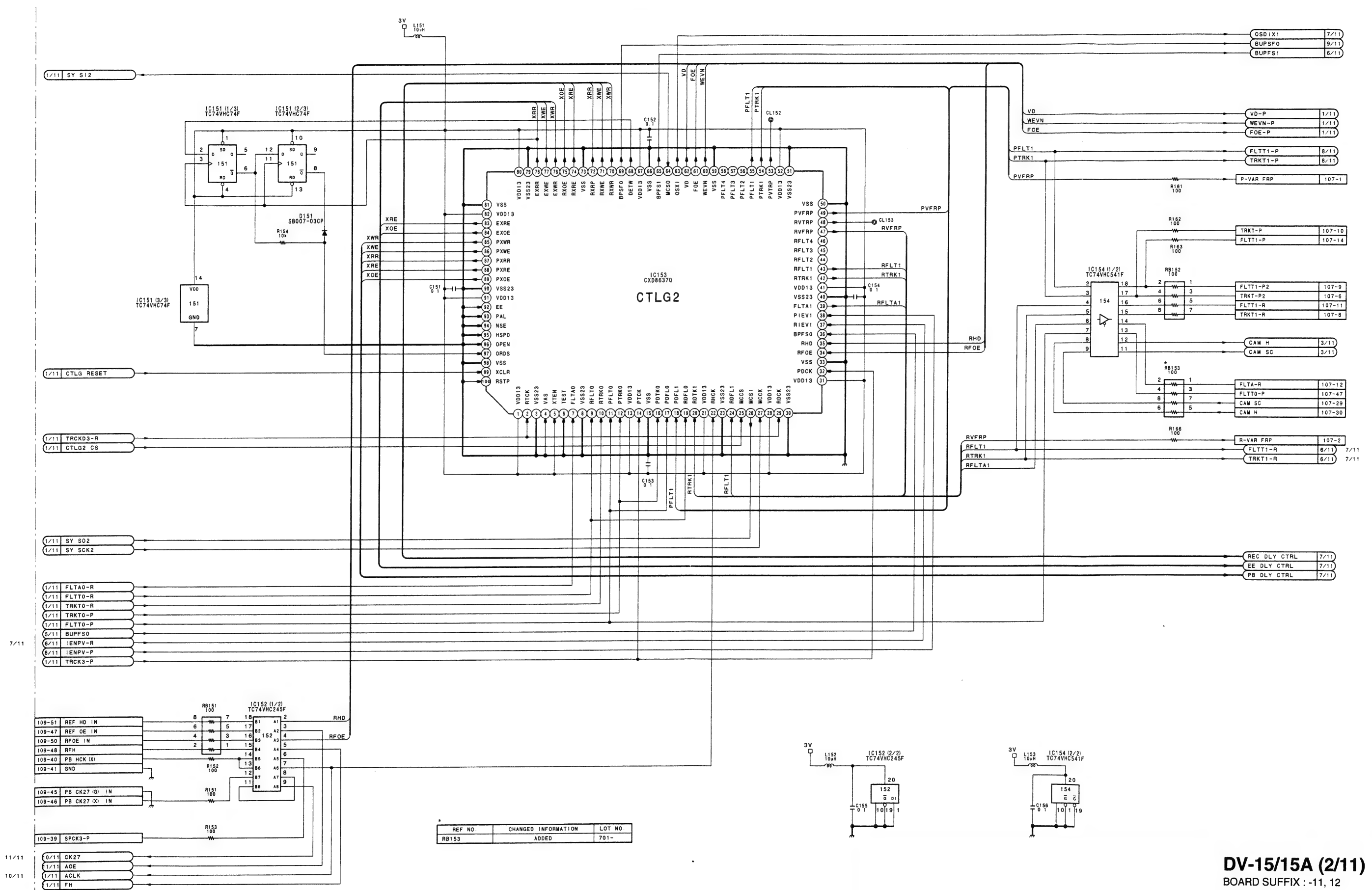


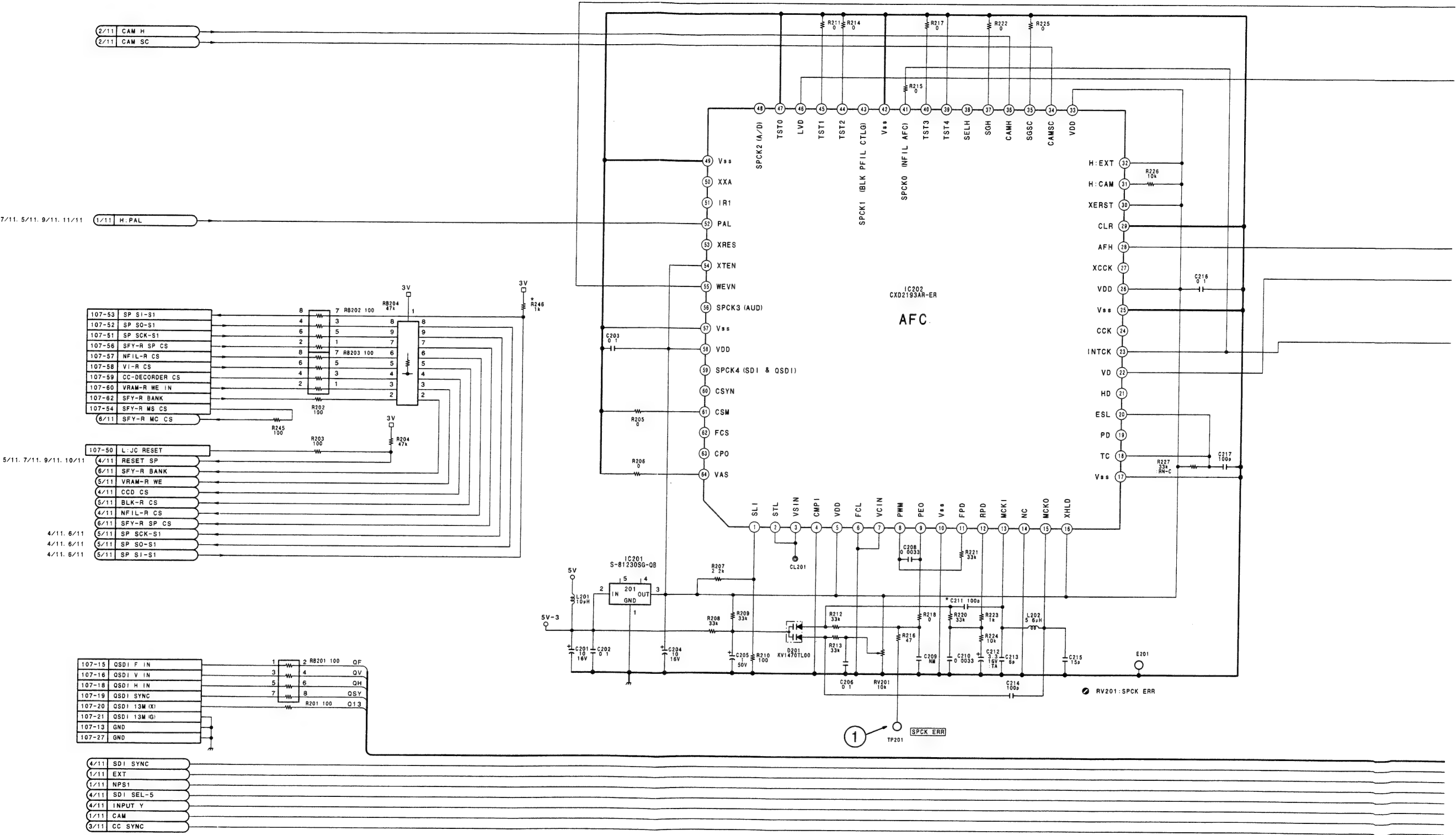
① TP251 MODE: 100% Color Bar/REC • EE (PAL)



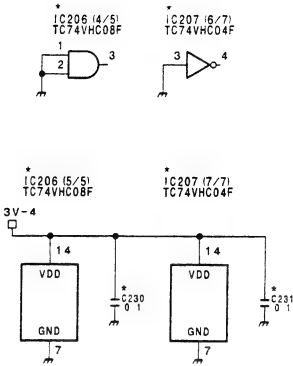
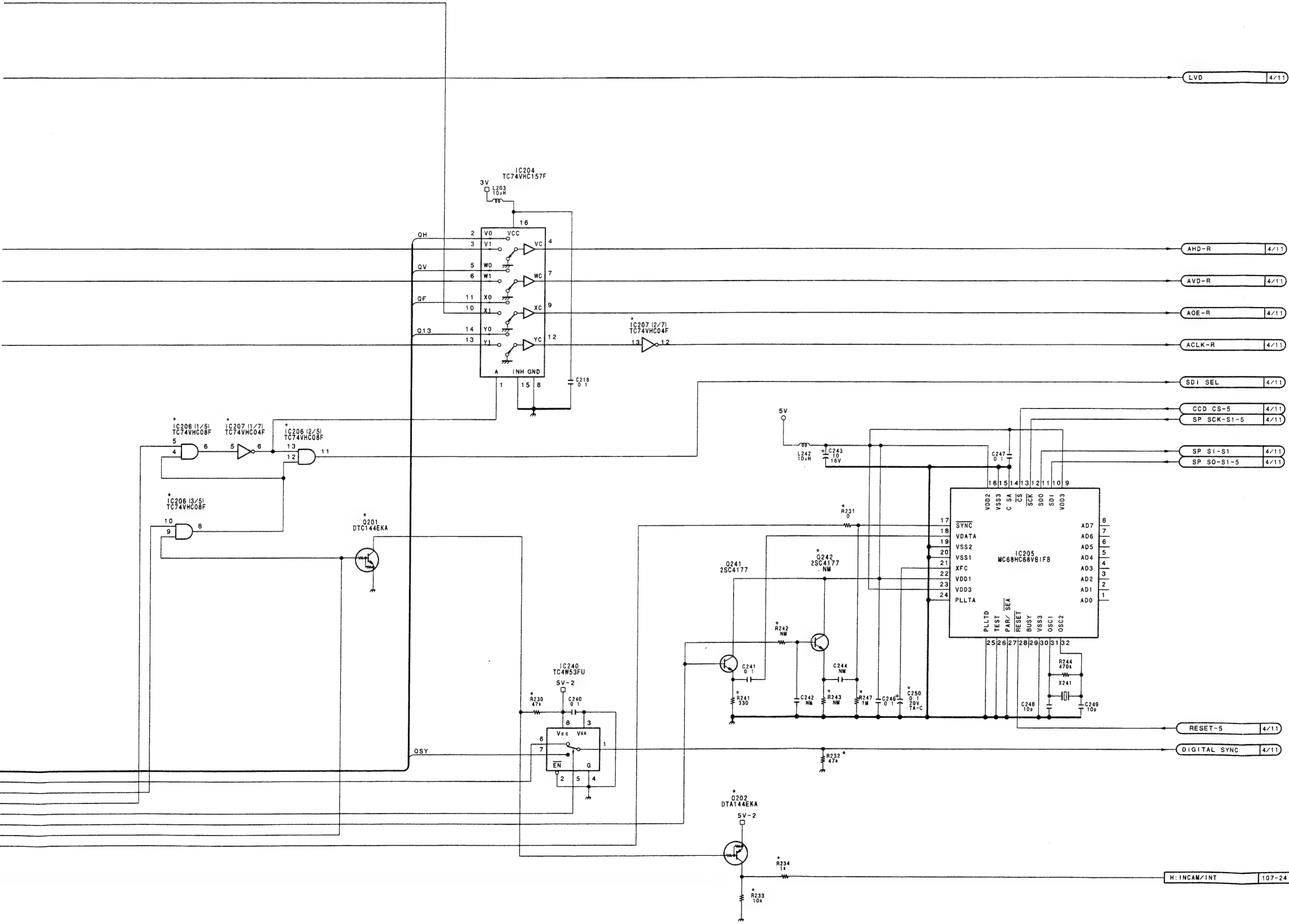
③ TP253 MODE: 75% Color Bar/REC • EE (NTSC)  
MODE: 100% Color Bar/REC • EE (PAL)







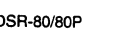


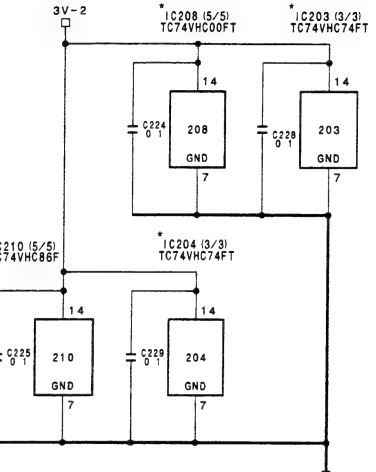
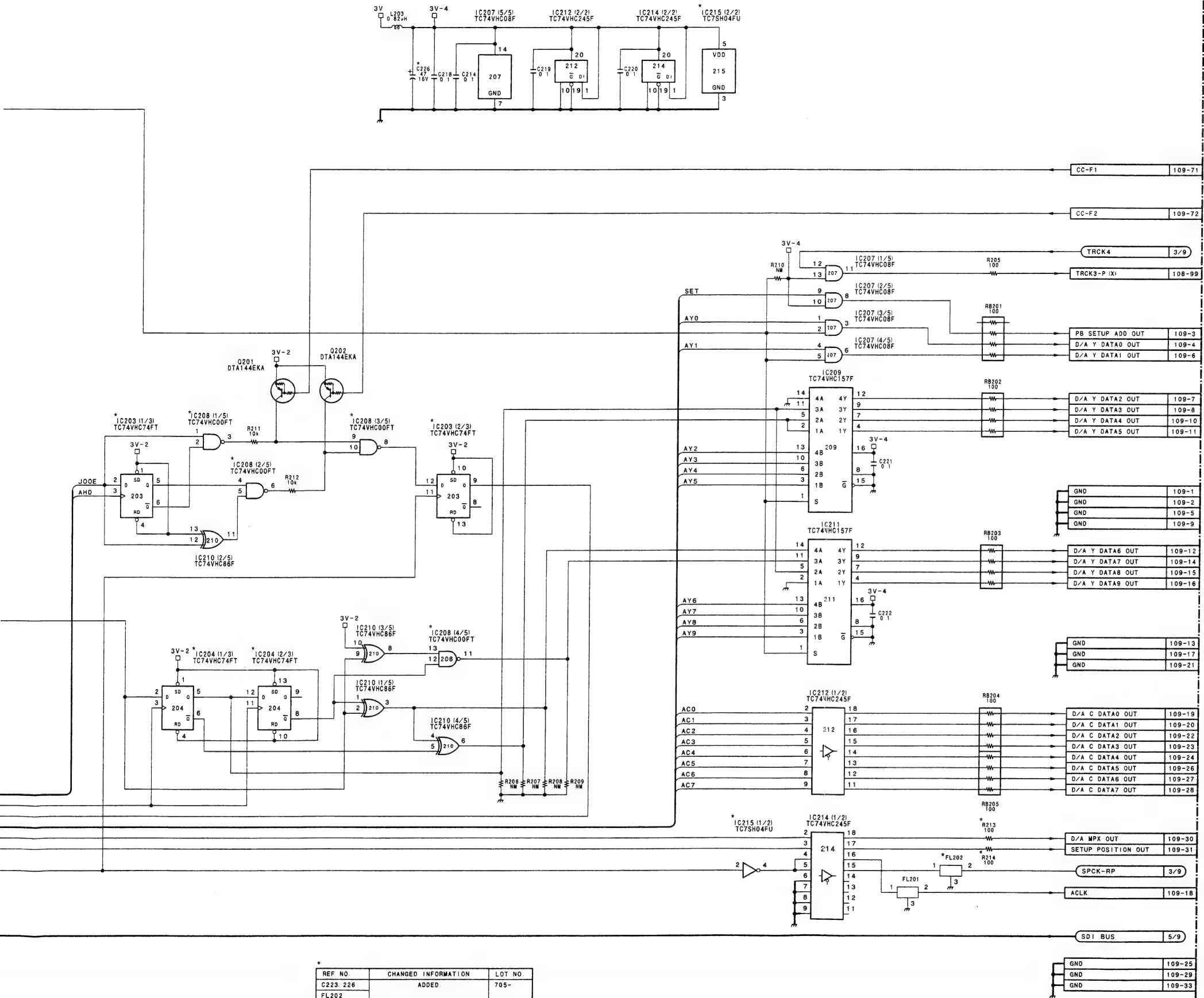


| REF NO | DV-15        | DV-15A |
|--------|--------------|--------|
|        | NTSC         | PAL    |
| R241   | 330          | NM     |
| R244   | 470K         | NM     |
| R231   | 0            | NM     |
| C241   | 0.1          | NM     |
| C243   | 10/16V       | NM     |
| C246   | 0.1          | NM     |
| C247   | 0.1          | NM     |
| C248   | 10P          | NM     |
| C249   | 10P          | NM     |
| C250   | 0.1/20V      | NM     |
| X241   | 3.58M        | NM     |
| Q241   | 2SC4177      | NM     |
| IC205  | MC68HC68V1F8 | NM     |

| REF NO         | CHANGED INFORMATION | LOT NO. |
|----------------|---------------------|---------|
| C211           | 470p → 100p         | 701-    |
| C230, 231      | ADDED               |         |
| C250           |                     |         |
| IC206, 207     |                     |         |
| Q201, 202      |                     |         |
| Q242           | DELETED             |         |
| R230, 232      | ADDED               |         |
| R231, 233, 234 |                     |         |
| R241           |                     |         |
| R242           | DELETED             |         |
| R243           | ADDED               | 701-    |
| R246           | DELETED             | 701-    |
| R247           | ADDED               | 701-    |
| R248           | ADDED               | 701-    |
| R249           | DELETED             | 701-    |

DV-15/15A (3/11)  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P



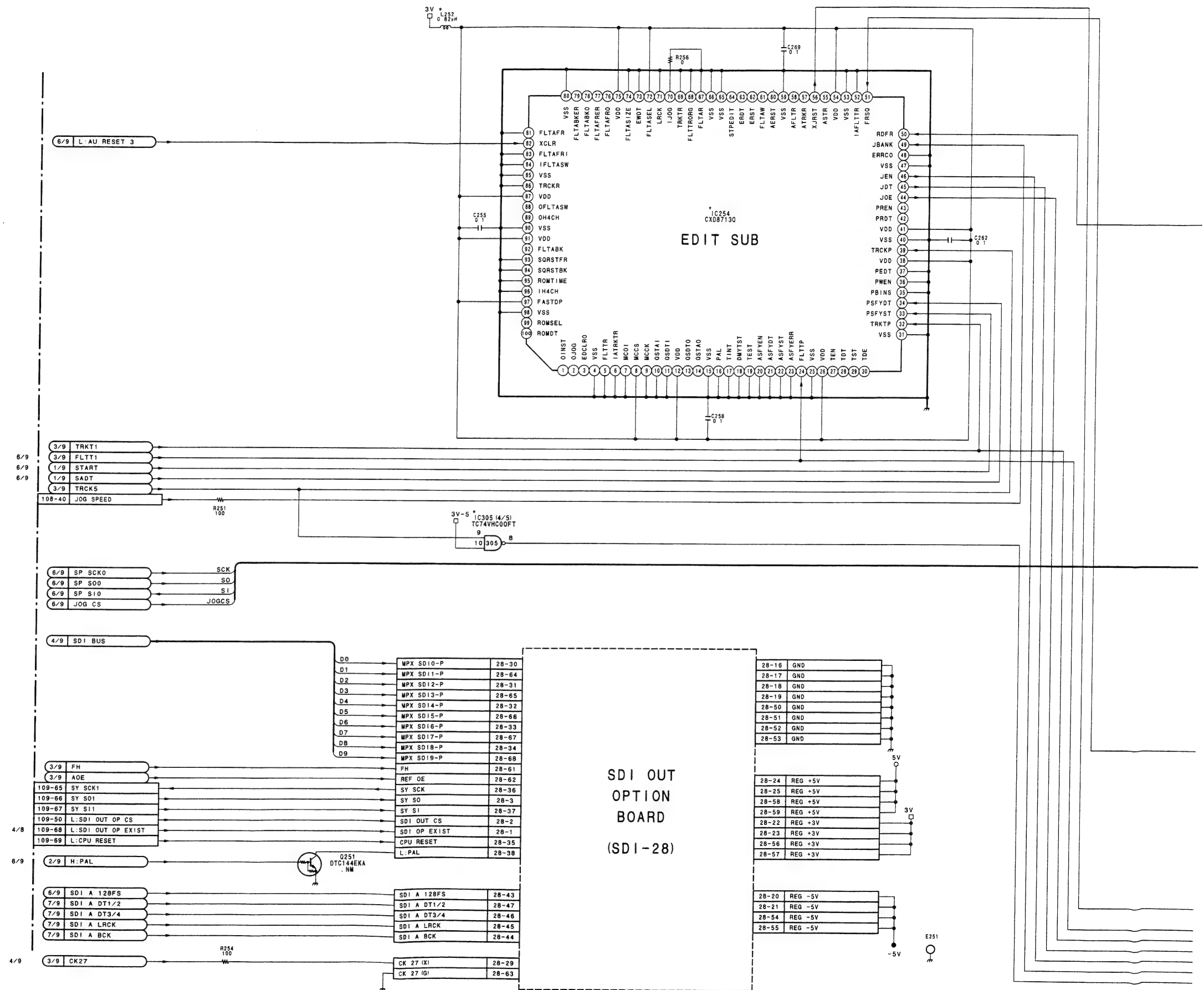


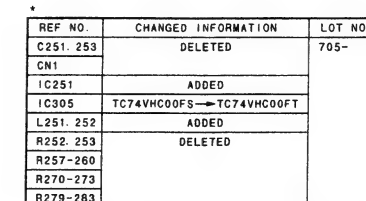
| REF NO | DV-17       | DV-17A |
|--------|-------------|--------|
| IC202  | NTSC        | PAL    |
| IC203  | TC74VHC74FS | NM     |
| IC204  | TC74VHC74FS | NM     |
| IC208  | TC74VHC00FS | NM     |
| IC210  | TC74VHC86F  | NM     |
| Q201   | DTA144EKA   | NM     |
| Q202   | DTA144EKA   | NM     |
| R206   | NM          | 0      |
| R207   | NM          | 0      |
| R208   | NM          | 0      |
| R209   | NM          | 0      |
| R210   | NM          | 0      |
| R211   | 10K         | NM     |
| R212   | 10K         | NM     |
| C207   | 0.1         | NM     |
| C209   | 0.1         | NM     |
| C210   | 0.1         | NM     |
| C211   | 0.1         | NM     |
| C212   | 0.1         | NM     |
| C213   | 0.1         | NM     |
| C224   | 0.1         | NM     |
| C225   | 0.1         | NM     |
| C228   | 0.1         | NM     |
| C229   | 0.1         | NM     |

| REF NO     | CHANGED INFORMATION       | LOT NO |
|------------|---------------------------|--------|
| C223, 226  | ADDED                     | 705-   |
| FL202      |                           |        |
| IC203, 204 | TC74VHC74FS → TC74VHC74FT | 802-   |
| IC208      | TC74VHC00FS → TC74VHC00FT |        |
| IC215      | ADDED                     | 705-   |
| R213, 214  |                           |        |
| RB206      | DELETED                   |        |

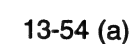
DV-17/17A (4/9)  
BOARD SUFFIX : -12, 13  
MODEL DSR-60/60P



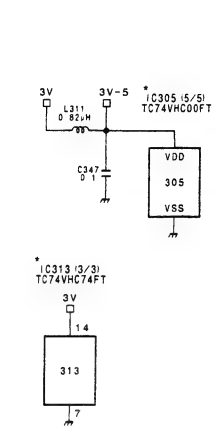
DV-17/17A (5/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS



( $f_c = 48 \text{ KHz}$ )





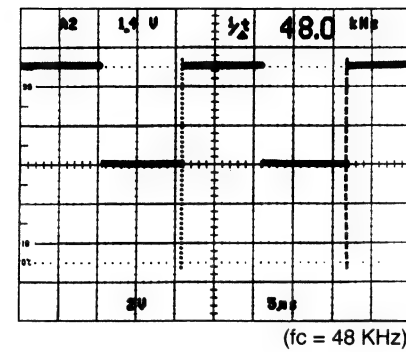


| REF NO.    | CHANGED INFORMATION       | LOT NO. |
|------------|---------------------------|---------|
| C312       | ADDED                     | 705-    |
| C313       | 10 → 47 16V               |         |
| C320       | DELETED                   |         |
| C322-323   | 0 1 → 3.3 20V             |         |
| C348       | ADDED                     |         |
| IC305      | TC74VHC00FS → TC74VHC00FT | 802-    |
| IC313, 314 | ADDED                     | 705-    |
| IC315      | TC74VHC00FS → TC74VHC00FT |         |
| L301, 302  | DELETED                   |         |
| L305, 306  |                           |         |
| R308, 309  |                           |         |
| R311       | 56k → 47k                 |         |
| R317       | ADDED                     |         |
| R319       | 15k → 22k                 |         |

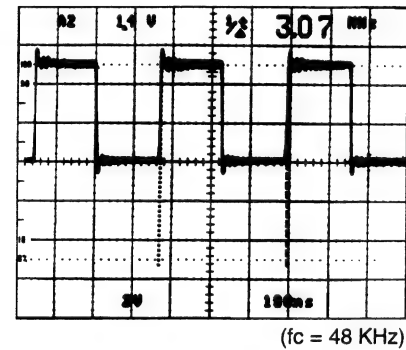
**DV-17/17A (6/9)**  
BOARD SUFFIX : -12, 13  
MODEL DSR-60/60P

DV-17/17A (7/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

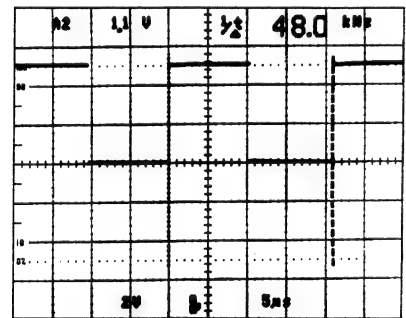
1

① TP351 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

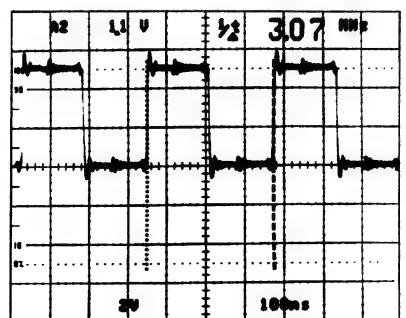
2

② TP352 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

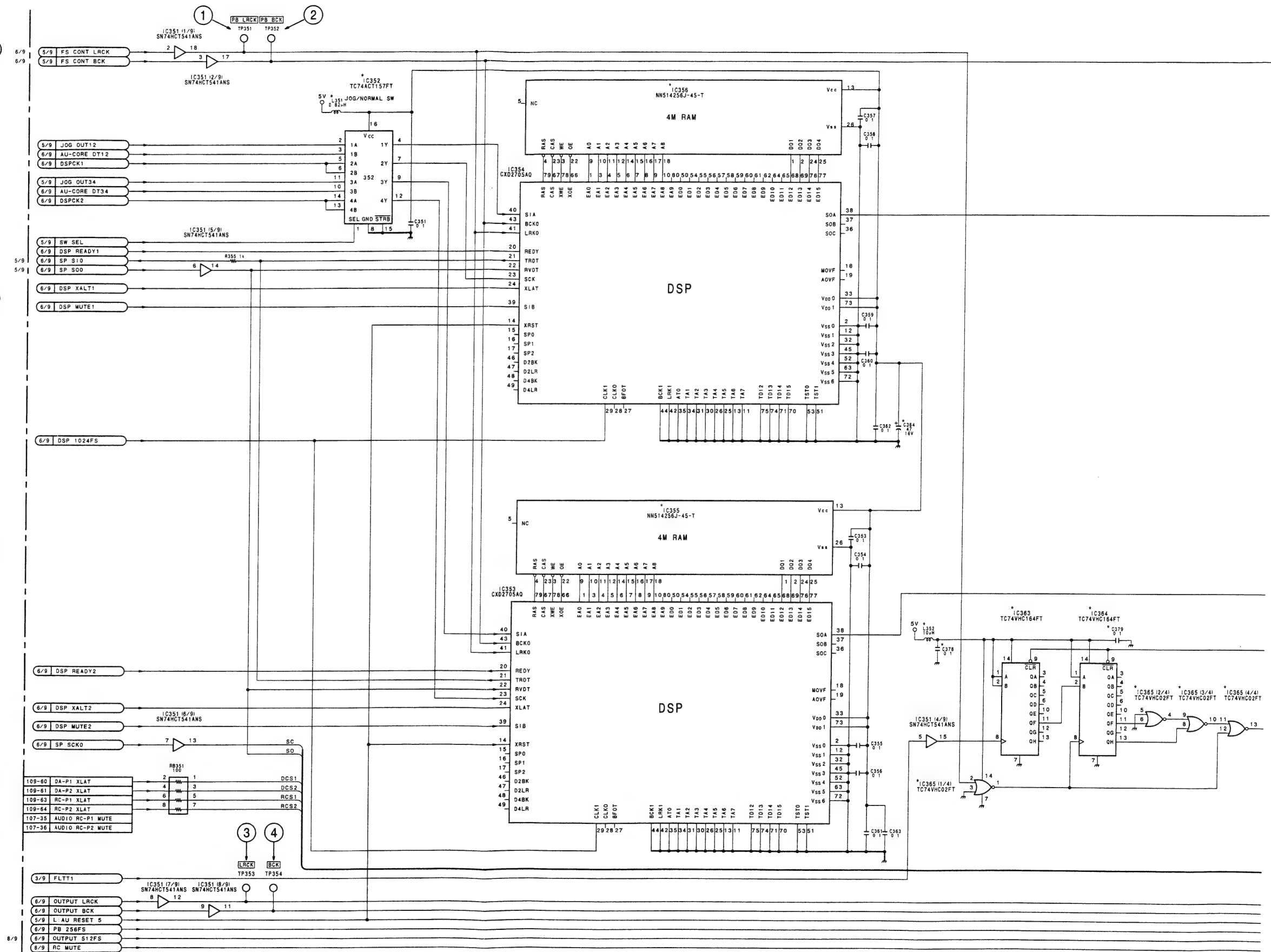
3

③ TP353 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

4

④ TP354 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

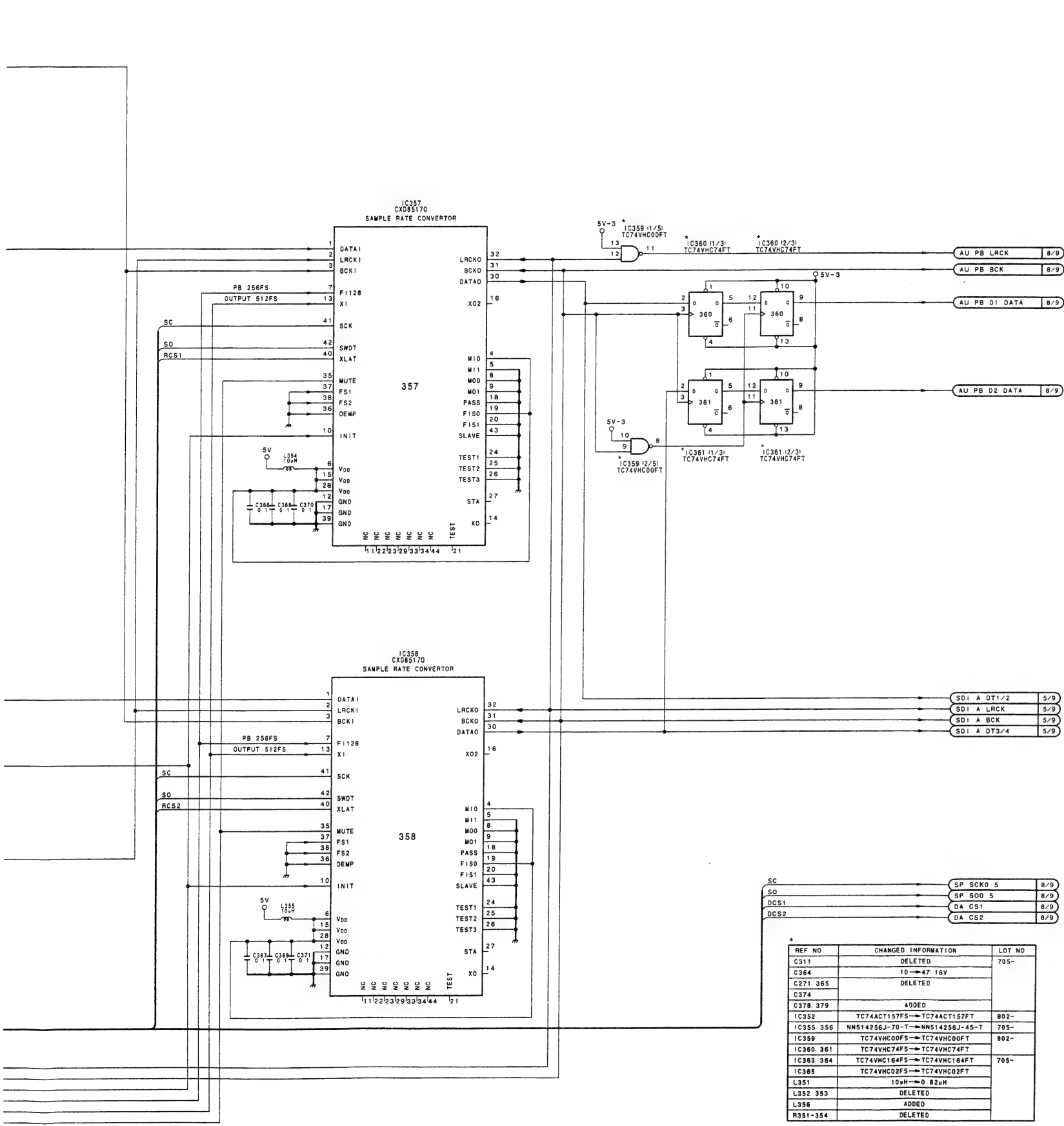
5



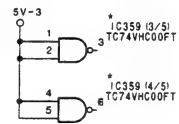
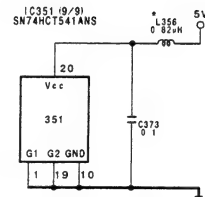
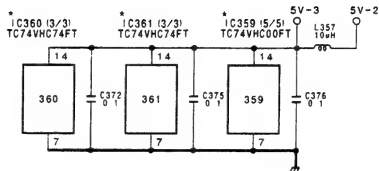
13-56 (a)

13-56 (a)

DSR-60/60P



| REF NO.    | CHANGED INFORMATION             | LOT NO. |
|------------|---------------------------------|---------|
| C311       | DELETED                         | 705-    |
| C364       | 10 → 47 16V                     |         |
| C271, 365  | DELETED                         |         |
| C374       |                                 |         |
| C378, 379  | ADDED                           |         |
| IC352      | TC74ACT157FS → TC74ACT157FT     | 802-    |
| IC355, 356 | NW514256J-70-T → NW514256J-45-T | 705-    |
| IC359      | TC74VHC00FS → TC74VHC00FT       | 802-    |
| IC360, 361 | TC74VHC74FS → TC74VHC74FT       |         |
| IC363, 364 | TC74VHC164FS → TC74VHC164FT     | 705-    |
| IC365      | TC74VHC02FS → TC74VHC02FT       |         |
| L351       | 10uH → 0.82uH                   |         |
| L352, 353  | DELETED                         |         |
| L356       | ADDED                           |         |
| R351-354   | DELETED                         |         |

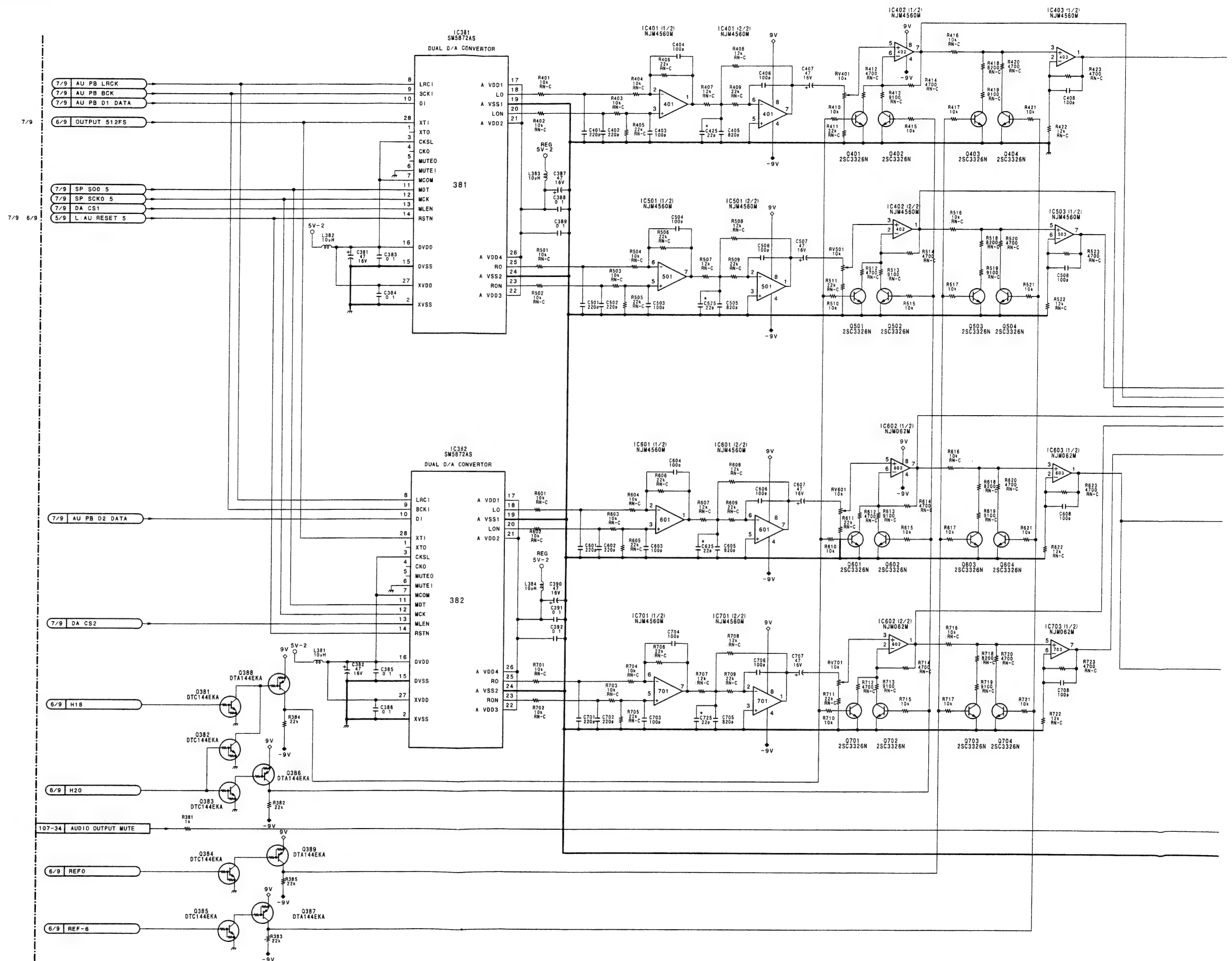


13-57 (a)

13-57 (a)

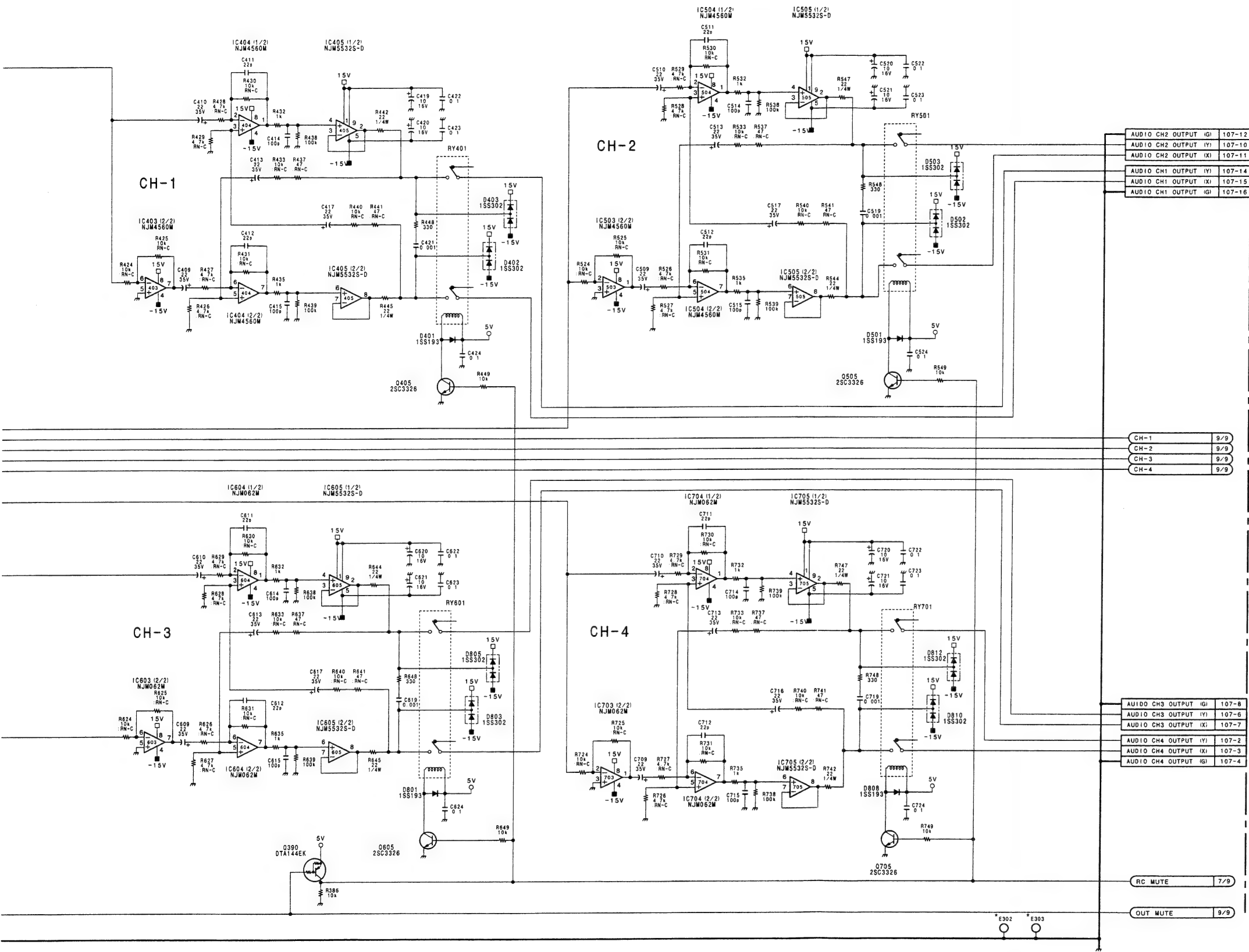
DV-17/17A (7/9)  
BOARD SUFFIX : -12, 13  
MODEL DSR-60/60P





13-58 (a)

13-58 (a)



| REF. NO.            | CHANGED INFORMATION | LOT NO. |
|---------------------|---------------------|---------|
| C425, 525, 625, 725 | ADDED               | 705-    |
| E302, 303           |                     |         |

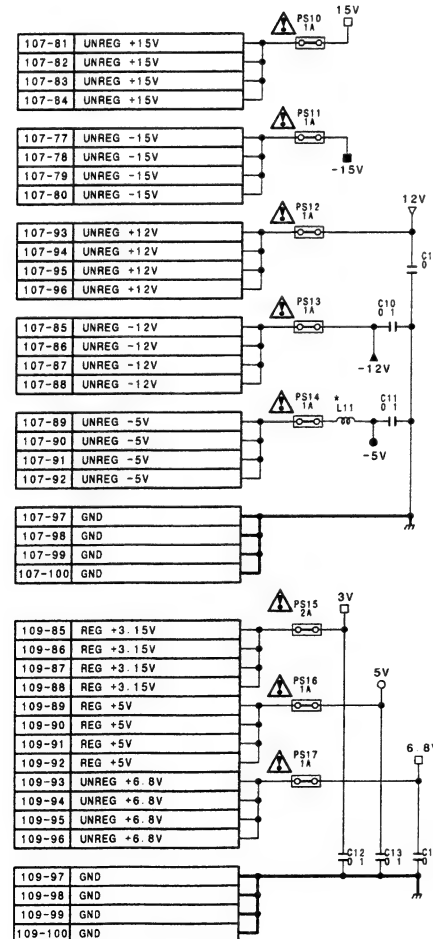
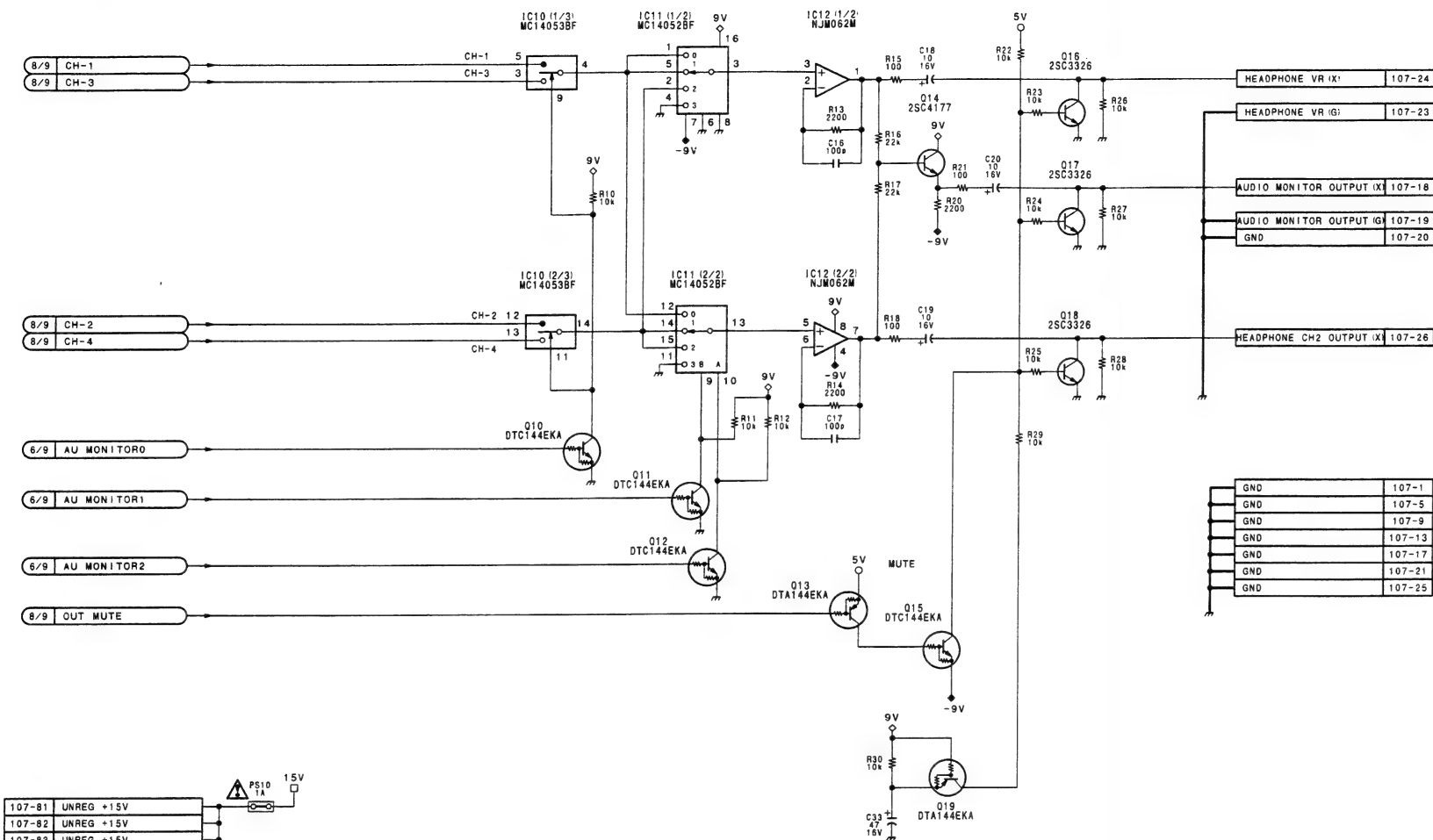




DV-17/17A (9/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

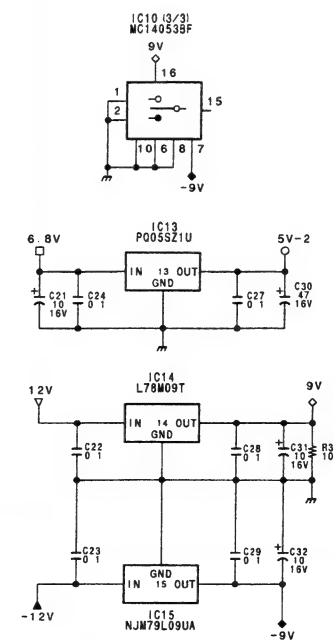
DSR-60/60P

DSR-60/60P



| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| L11     | ADDED               | 705-    |

13-61 (a)



13-61 (a)

DV-17/17A (9/9)  
BOARD SUFFIX : -12, 13  
MODEL DSR-60/60P

DV-17/17A (1/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

DSR-60/60P

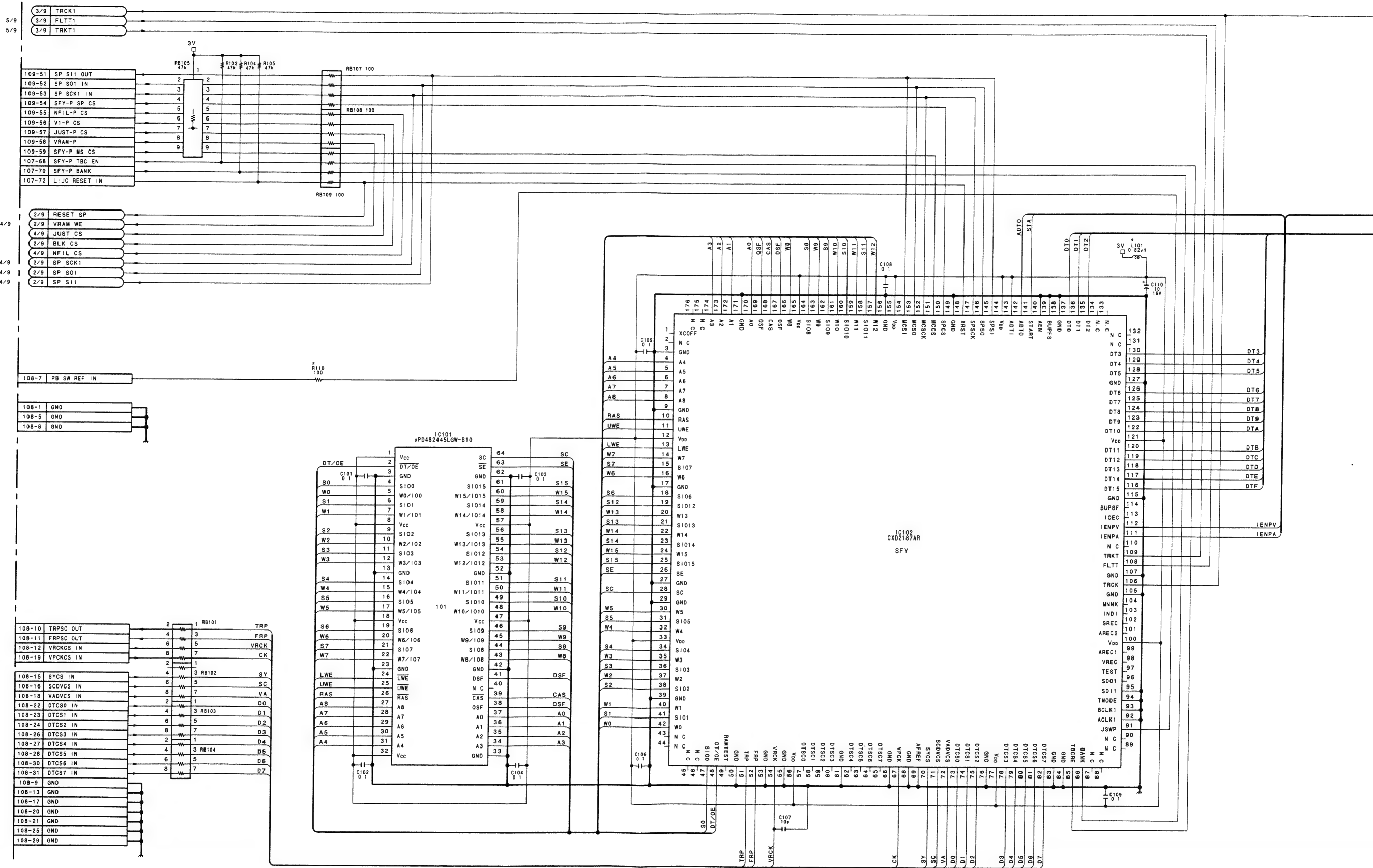
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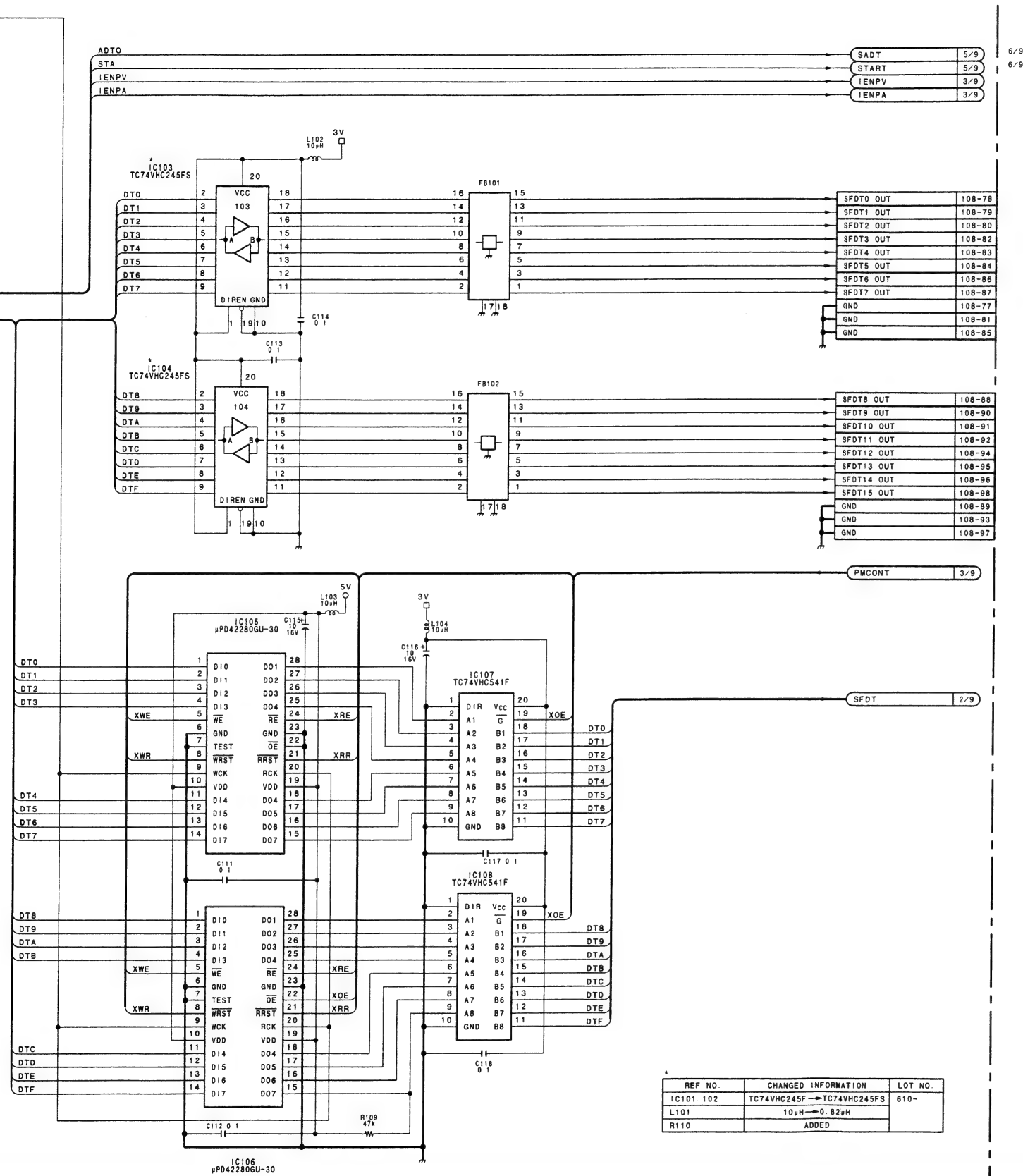
D

E

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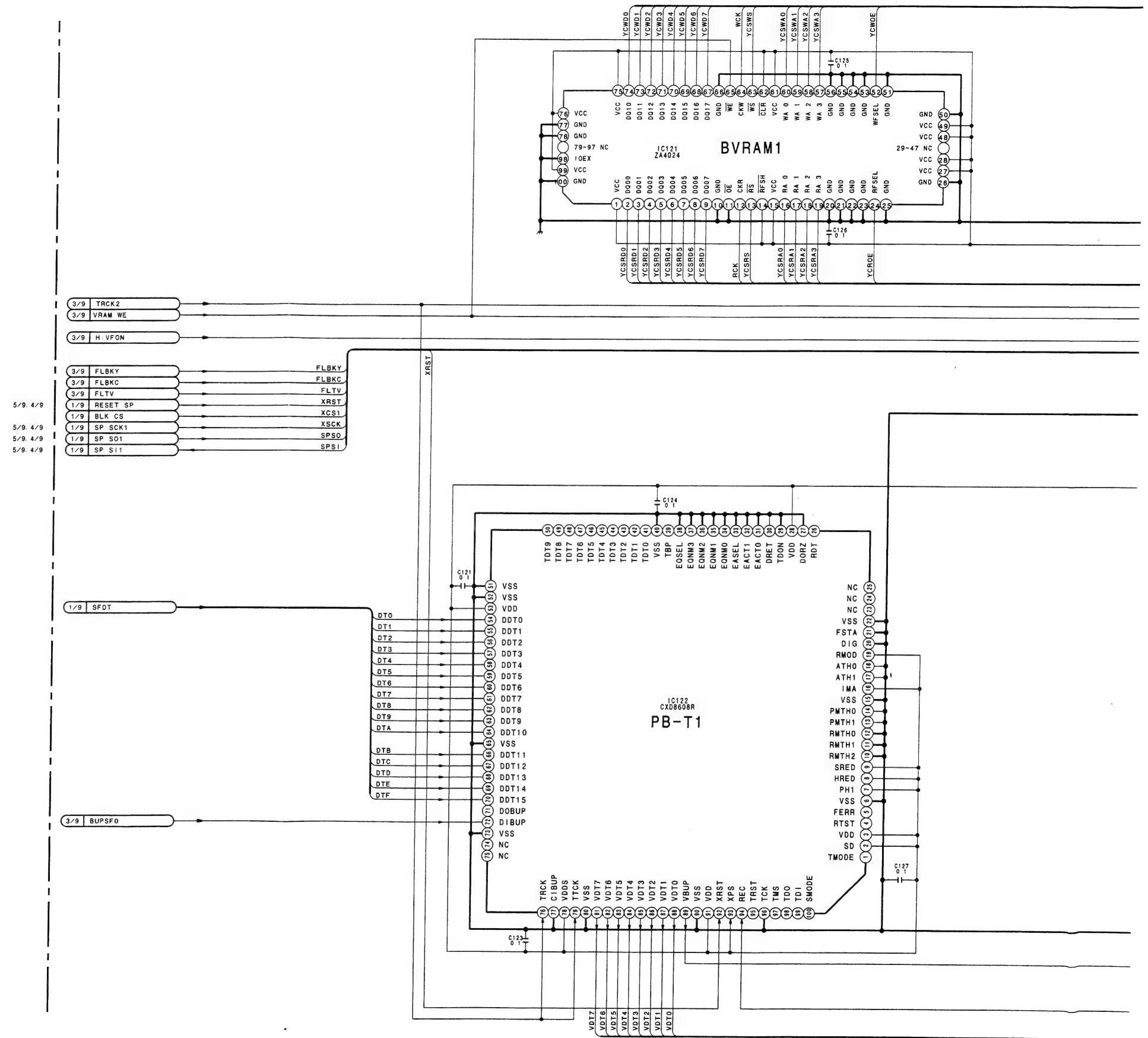
1

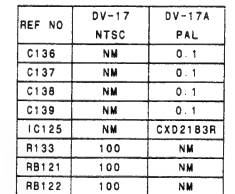
2

3

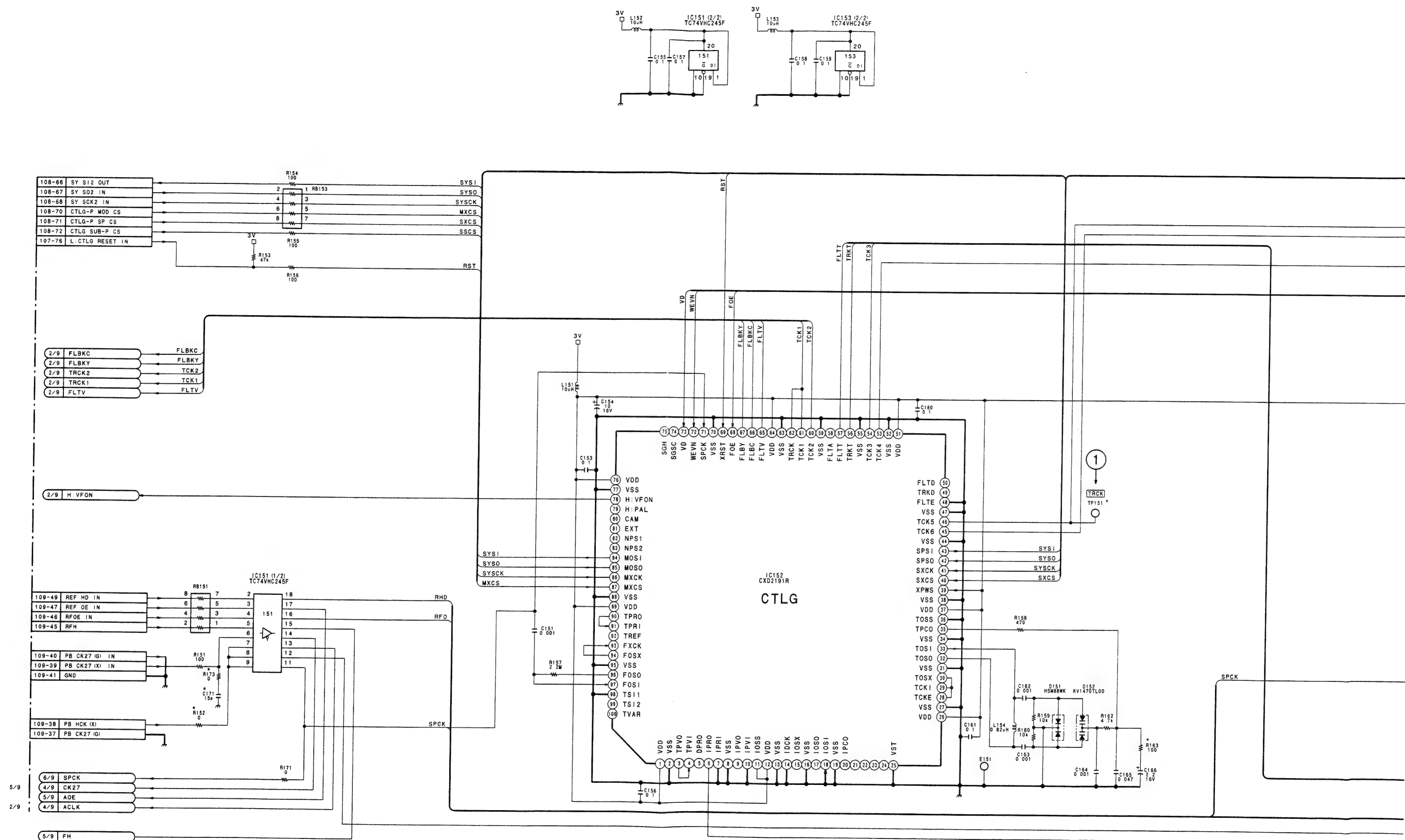
4

5



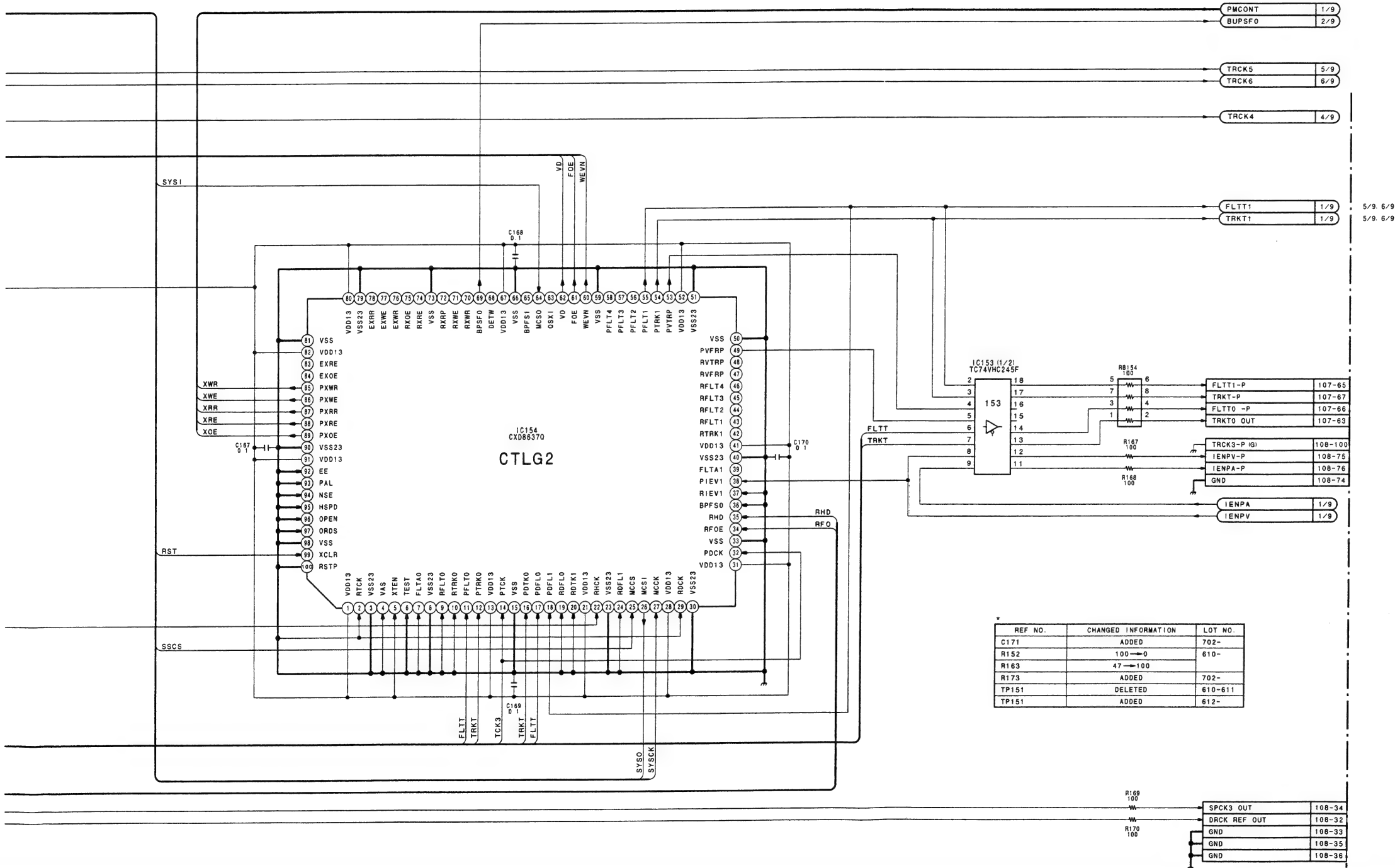
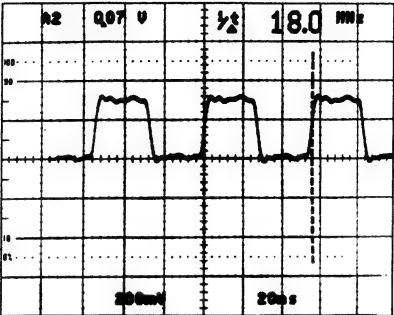


**DV-17/17A (2/9)**  
BOARD SUFFIX : -11  
MODEL DSR-60/60P



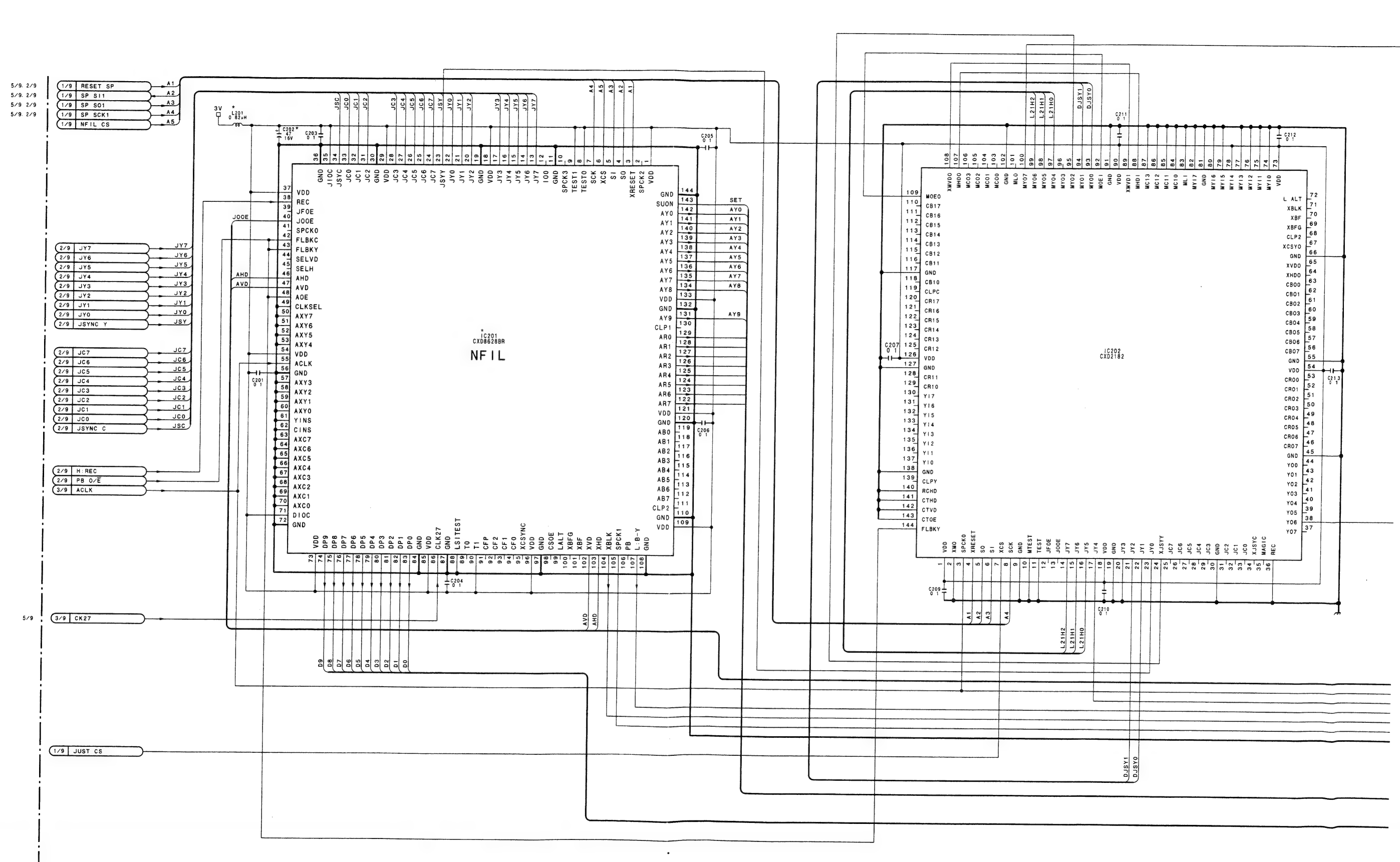


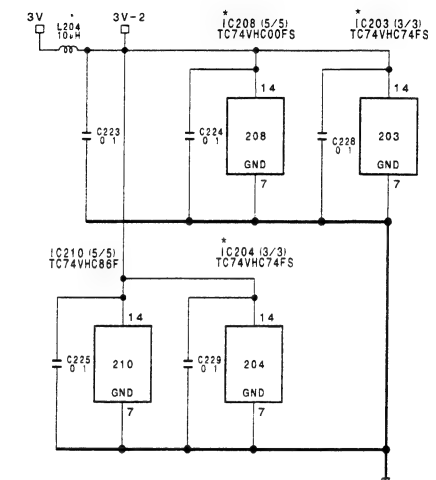
① TP151 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)



DV-17/17A (3/9)  
BOARD SUFFIX : -11  
MODEL DSR-60/60P

**DV-17/17A (4/9): VIDEO/AUDIO DIGITAL PROCESS**  
**AUDIO ANALOG PROCESS**

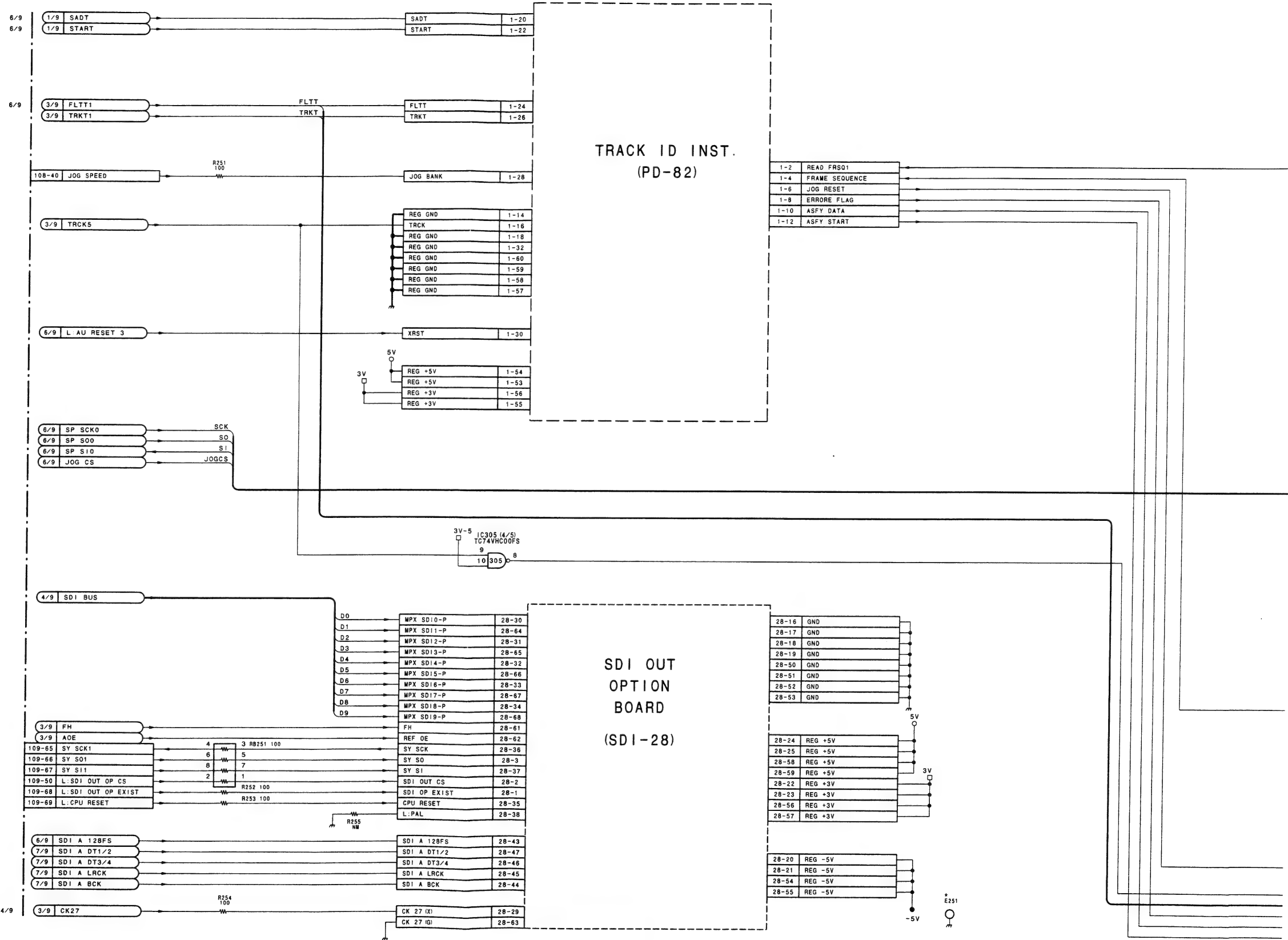
**DSR-60/60P****DSR-60/60P**

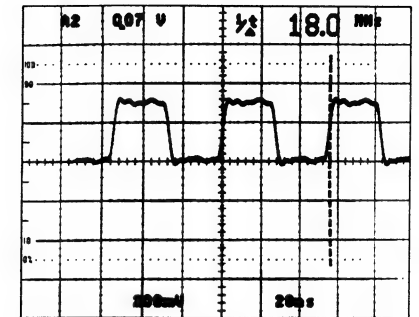


| REF NO | DV-17<br>NTSC | DV-17A<br>PAL |
|--------|---------------|---------------|
| IC202  | CKD21B2       | NM            |
| IC203  | TC74VHC74FS   | NM            |
| IC204  | TC74VHC74FS   | NM            |
| IC208  | TC74VHC00FS   | NM            |
| IC210  | TC74VHC86F    | NM            |
| Q201   | DTA144EKA     | NM            |
| Q202   | DTA144EKA     | NM            |
| R206   | NM            | 0             |
| R207   | NM            | 0             |
| R208   | NM            | 0             |
| R209   | NM            | 0             |
| R210   | NM            | 0             |
| R211   | 10K           | NM            |
| R212   | 10K           | NM            |
| C207   | 0.1           | NM            |
| C209   | 0.1           | NM            |
| C210   | 0.1           | NM            |
| C211   | 0.1           | NM            |
| C212   | 0.1           | NM            |
| C213   | 0.1           | NM            |

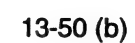
| REF NO.    | CHANGED INFORMATION       | LOT NO  |
|------------|---------------------------|---------|
| C202       | ADDED                     | 610-    |
| FL201      | ADDED                     |         |
| 1C201      | CXD8628R → CXD8628BR      |         |
| 1C203. 204 | TC74VHC74F → TC74VHC74FS  | 610-801 |
| 1C208      | TC74VHC02F → TC74VHC00FS  |         |
| L201. 203  | 10 $\mu$ H → 0.82 $\mu$ H | 610-    |
| Q201. 202  | ADDED                     |         |



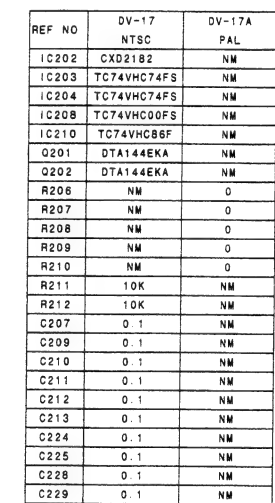




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**DSR-60/60P**





| I | J | K | L | M | N | O | P |
|---|---|---|---|---|---|---|---|
|---|---|---|---|---|---|---|---|

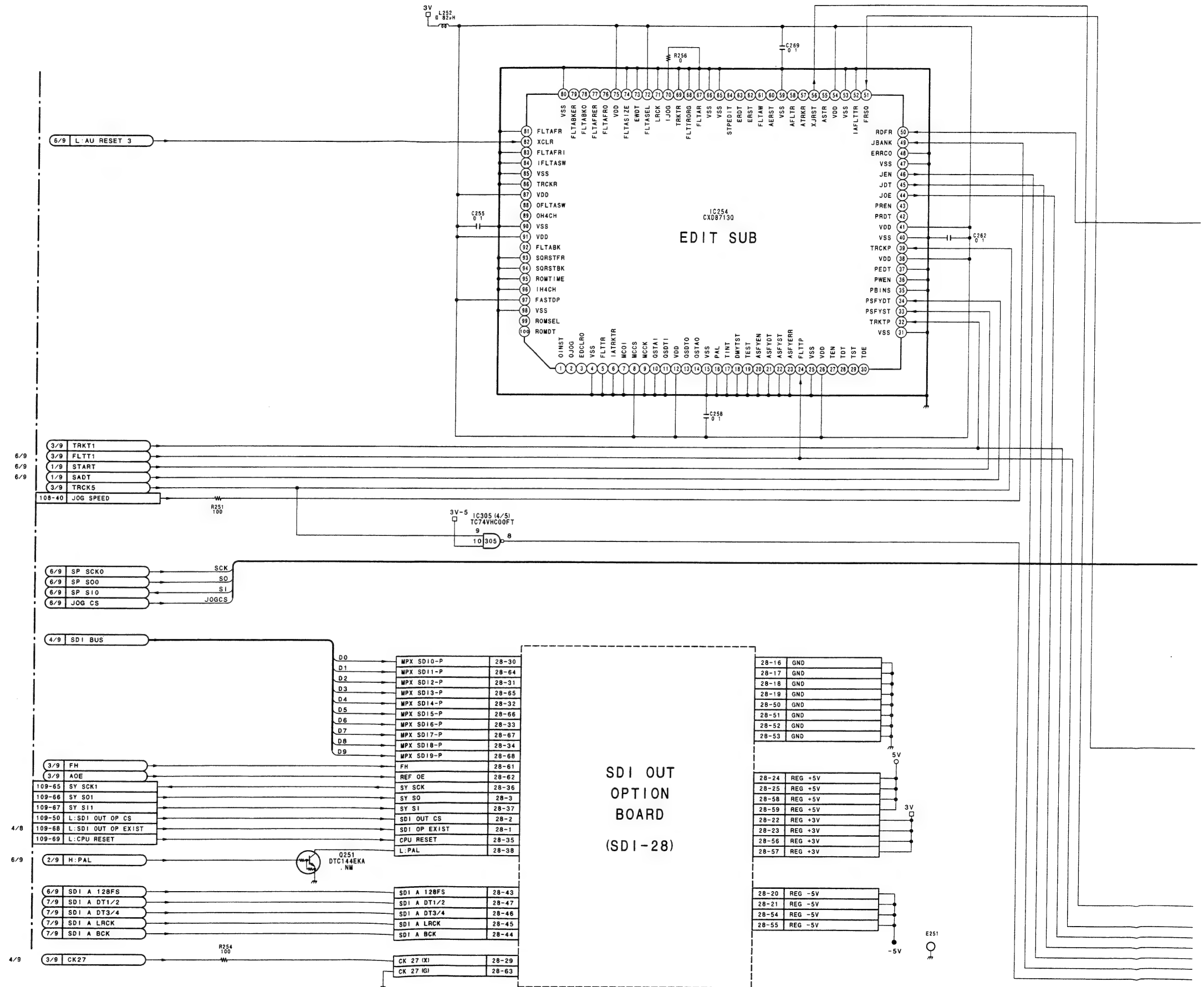
1

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13-52 (b)

13-52 (b)

DSR-60/60P

A

B

C

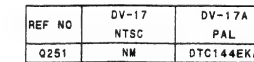
D

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**P**

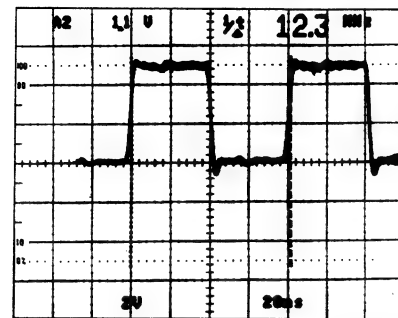


DV-17/17A (6/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

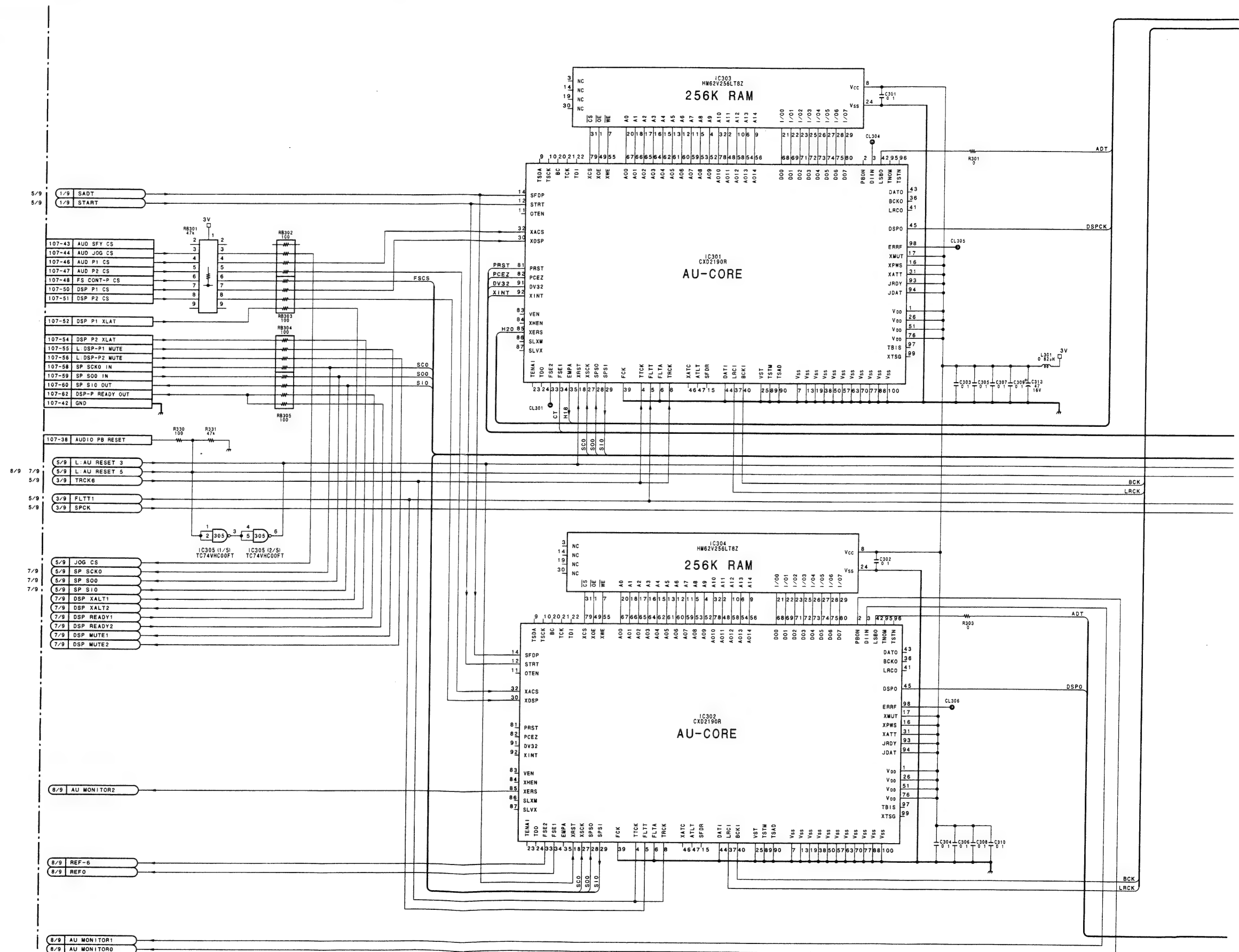
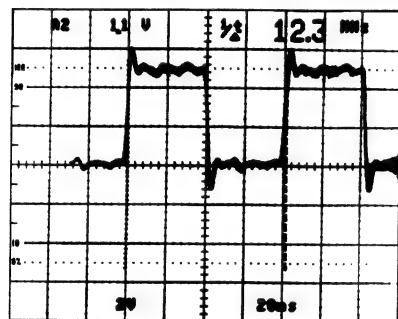
DSR-60/60P

① TP301 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)



(fc = 48 KHz)

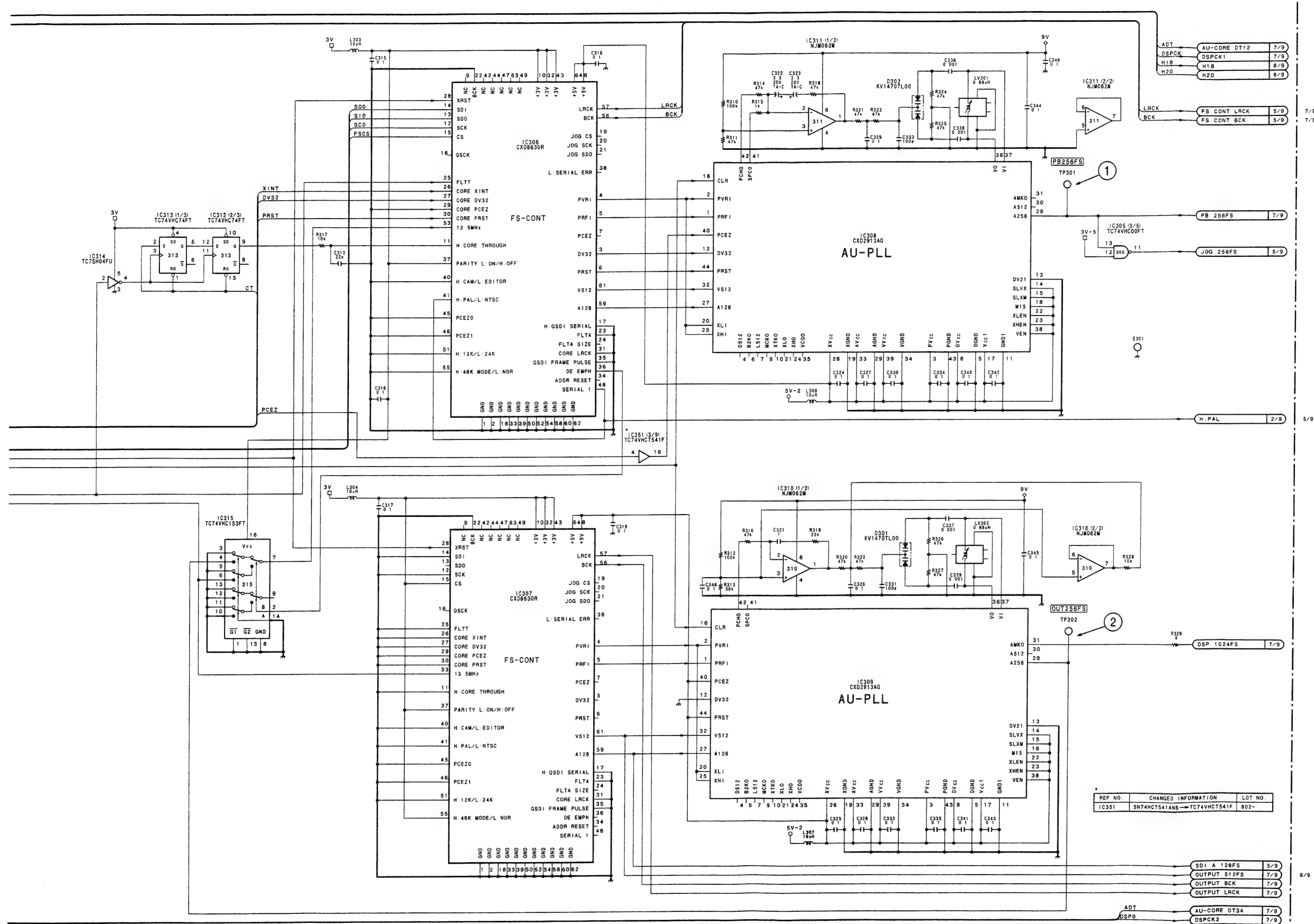
② TP302 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)



13-54 (b)

13-54 (b)

DSR-60/60P



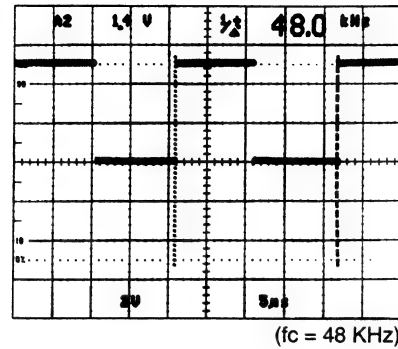
**DV-17/17A (6/9)**  
 BOARD SUFFIX : -14  
 MODEL DSR-60/60P

DV-17/17A (7/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

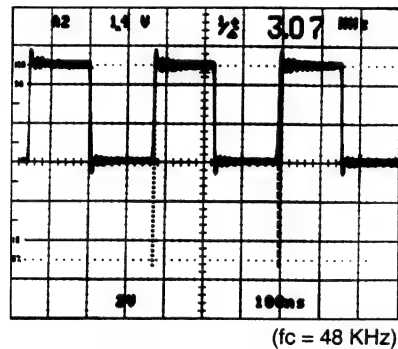
DSR-60/60P

DSR-60/60P

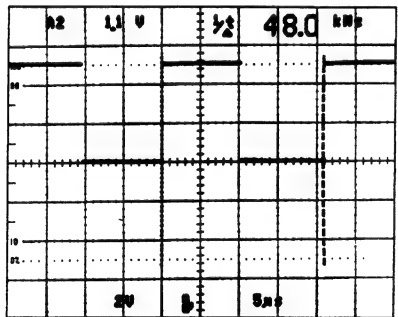
1

① TP351 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

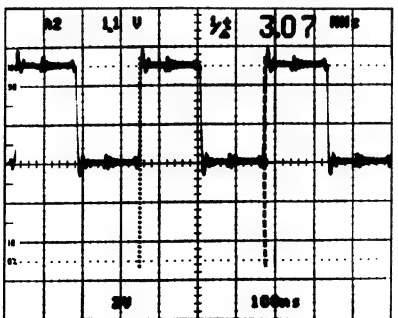
2

② TP352 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

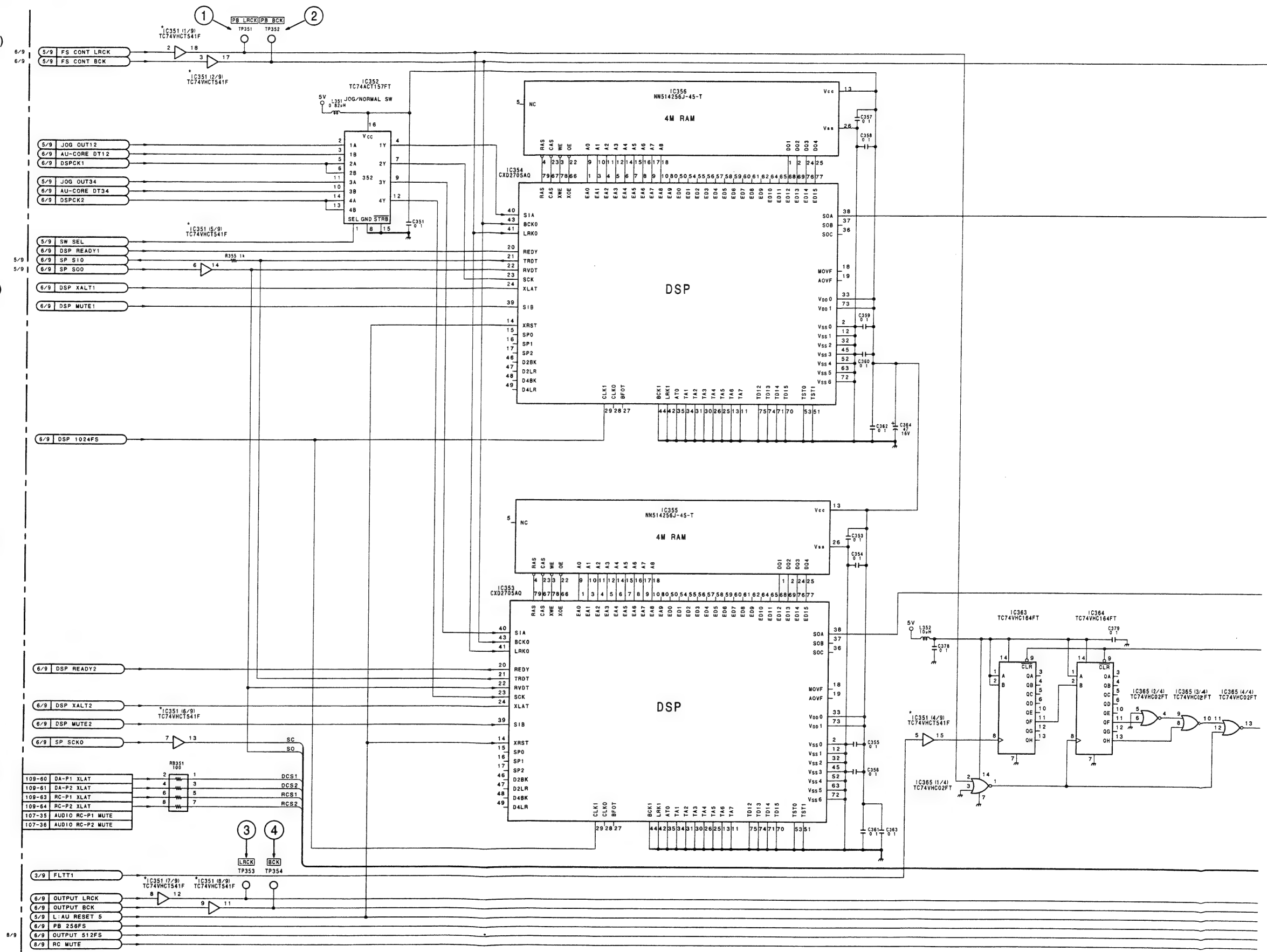
3

③ TP353 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

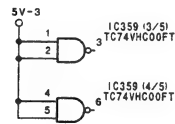
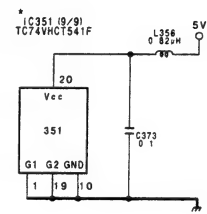
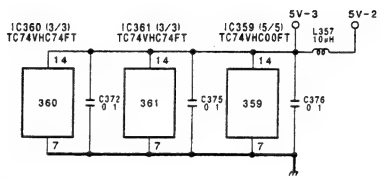
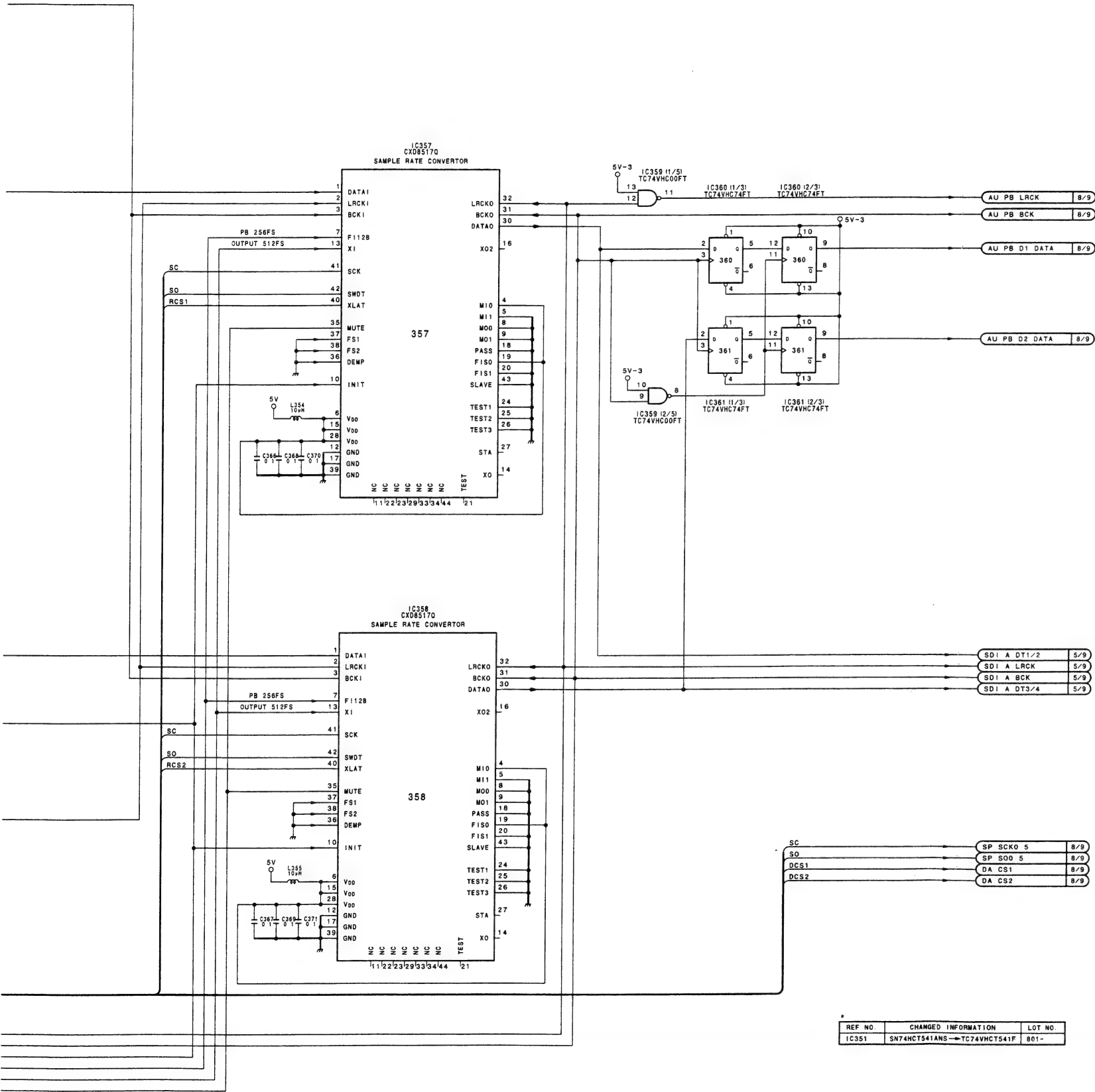
4

④ TP354 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

5





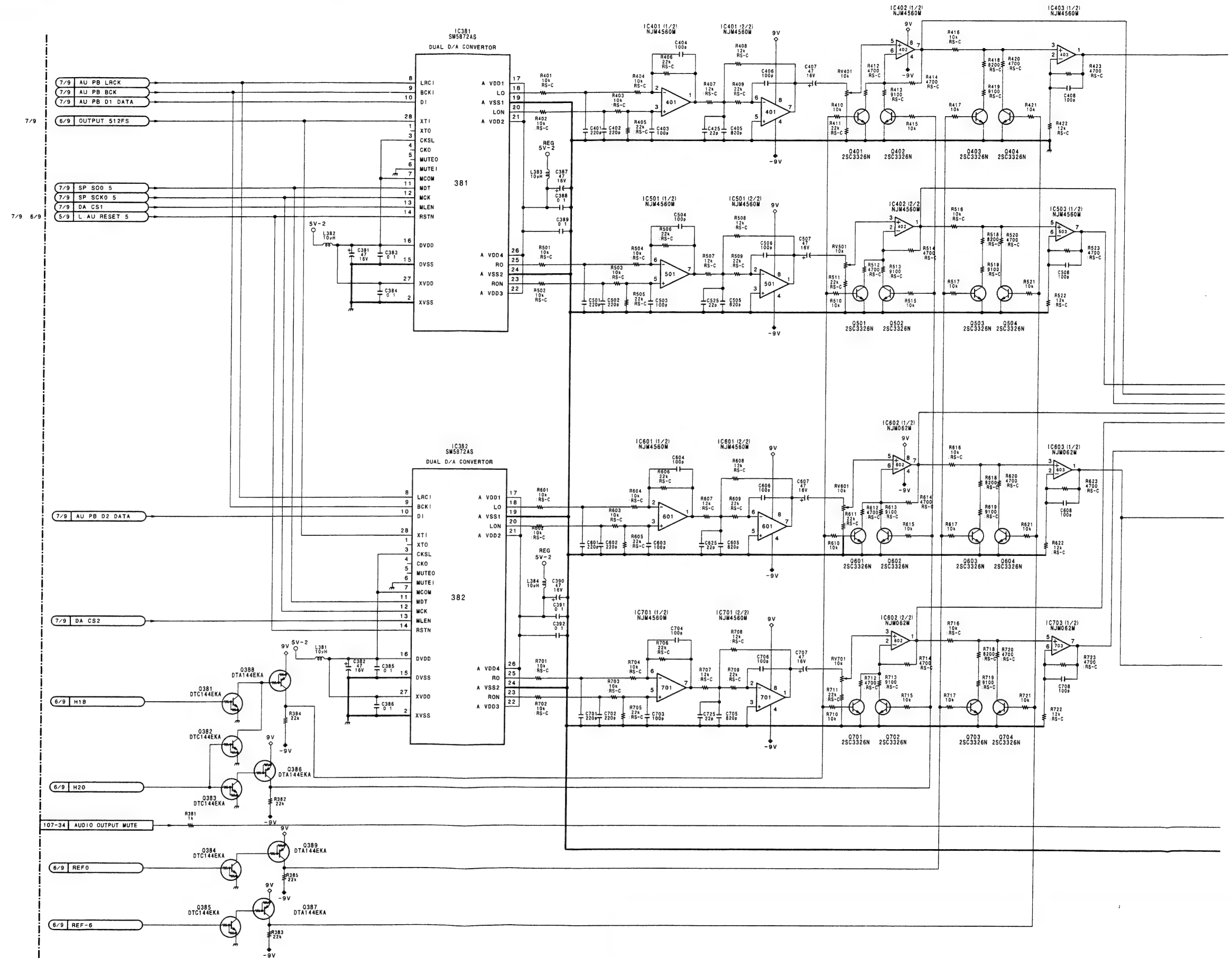


| REF NO. | CHANGED INFORMATION           | LOT NO. |
|---------|-------------------------------|---------|
| IC351   | SN74NCT541ANS -> TC74VHCT541F | 801-    |

DV-17/17A (8/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

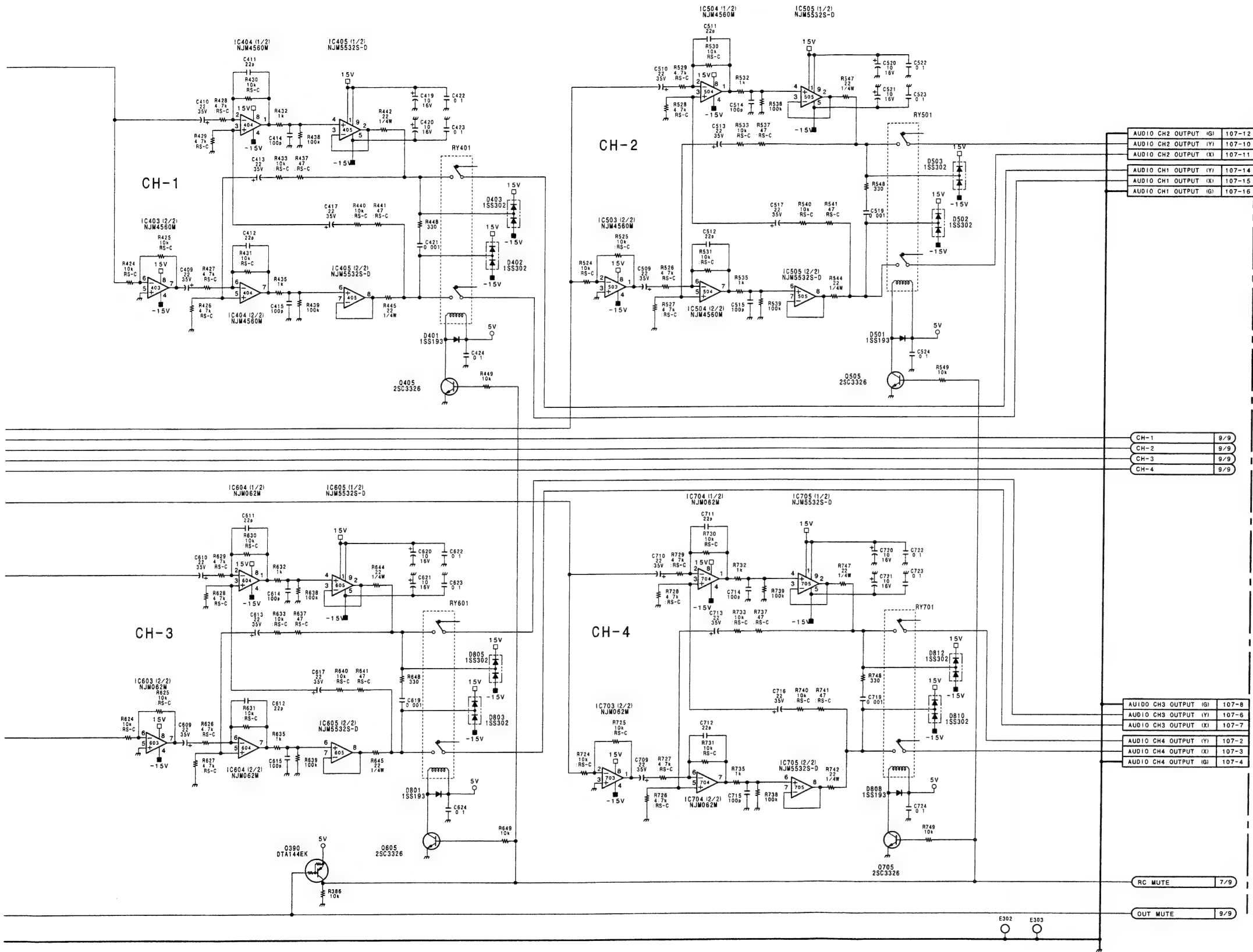
DSR-60/60P



13-58 (b)

13-58 (b)

DSR-60/60P



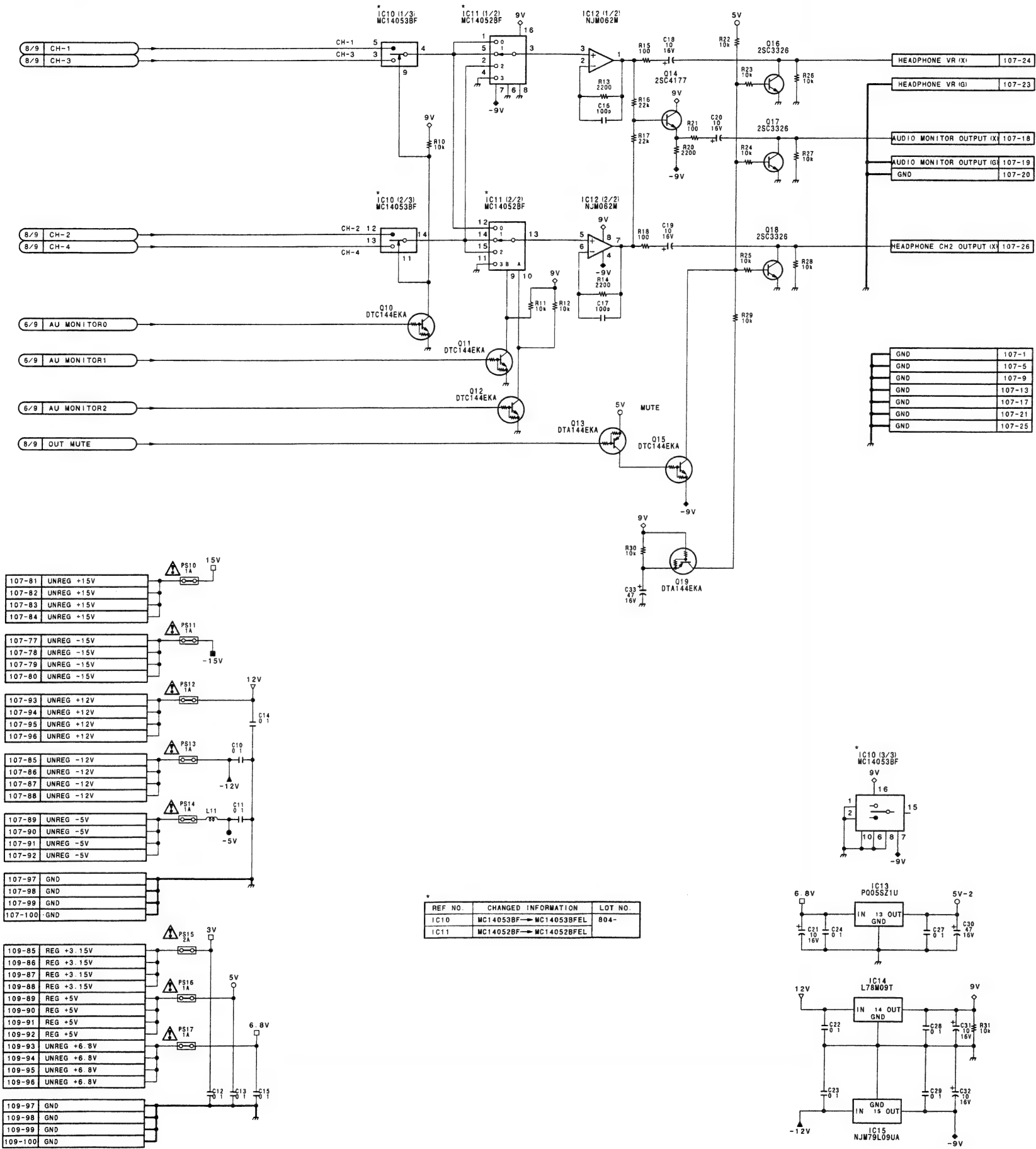




DV-17/17A (9/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

DSR-60/60P



DSR-60/60P

13-61 (b)

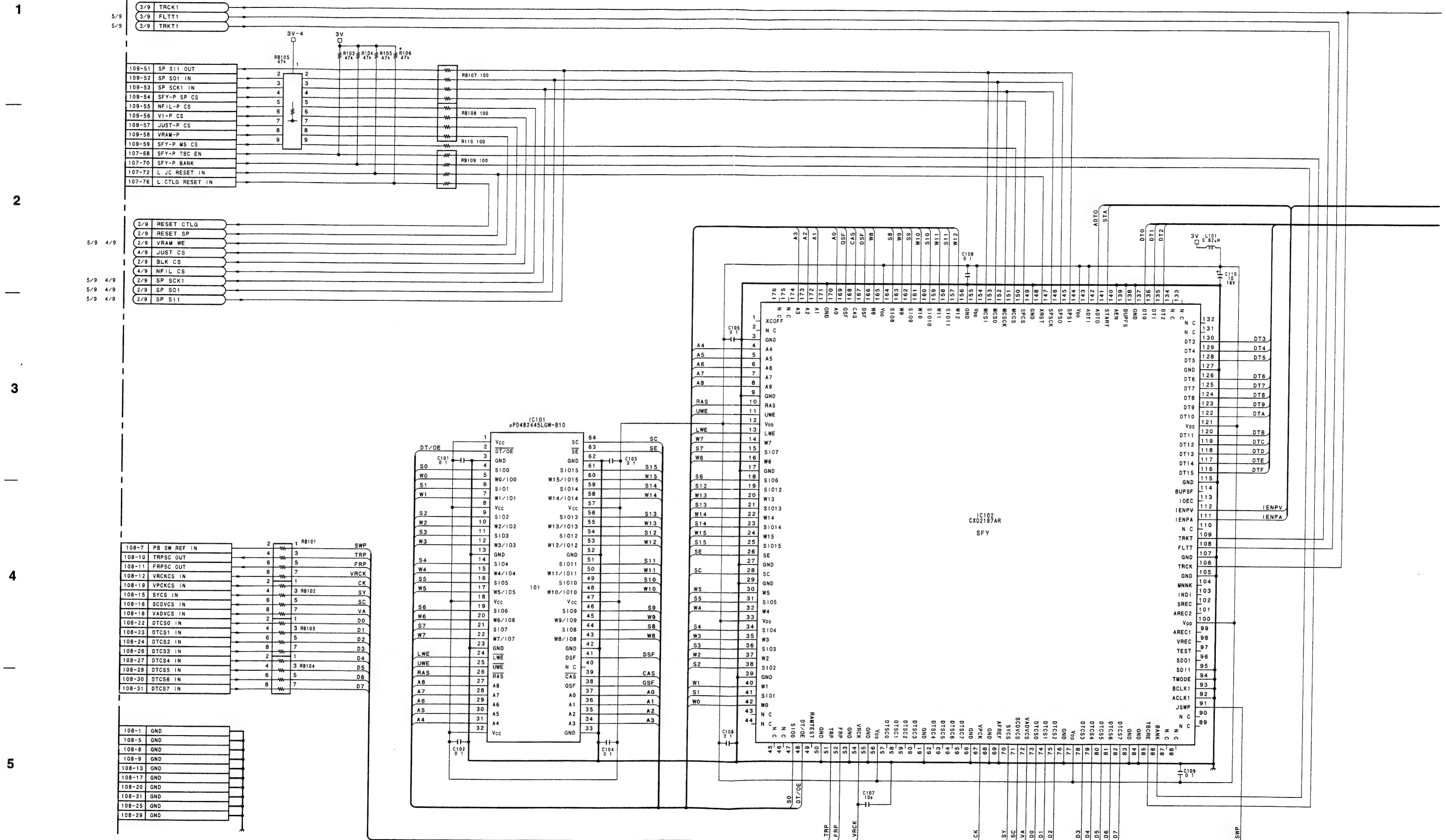
13-61 (b)

DV-17/17A (9/9)  
BOARD SUFFIX : -14  
MODEL DSR-60/60P

DV-17/17A (1/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

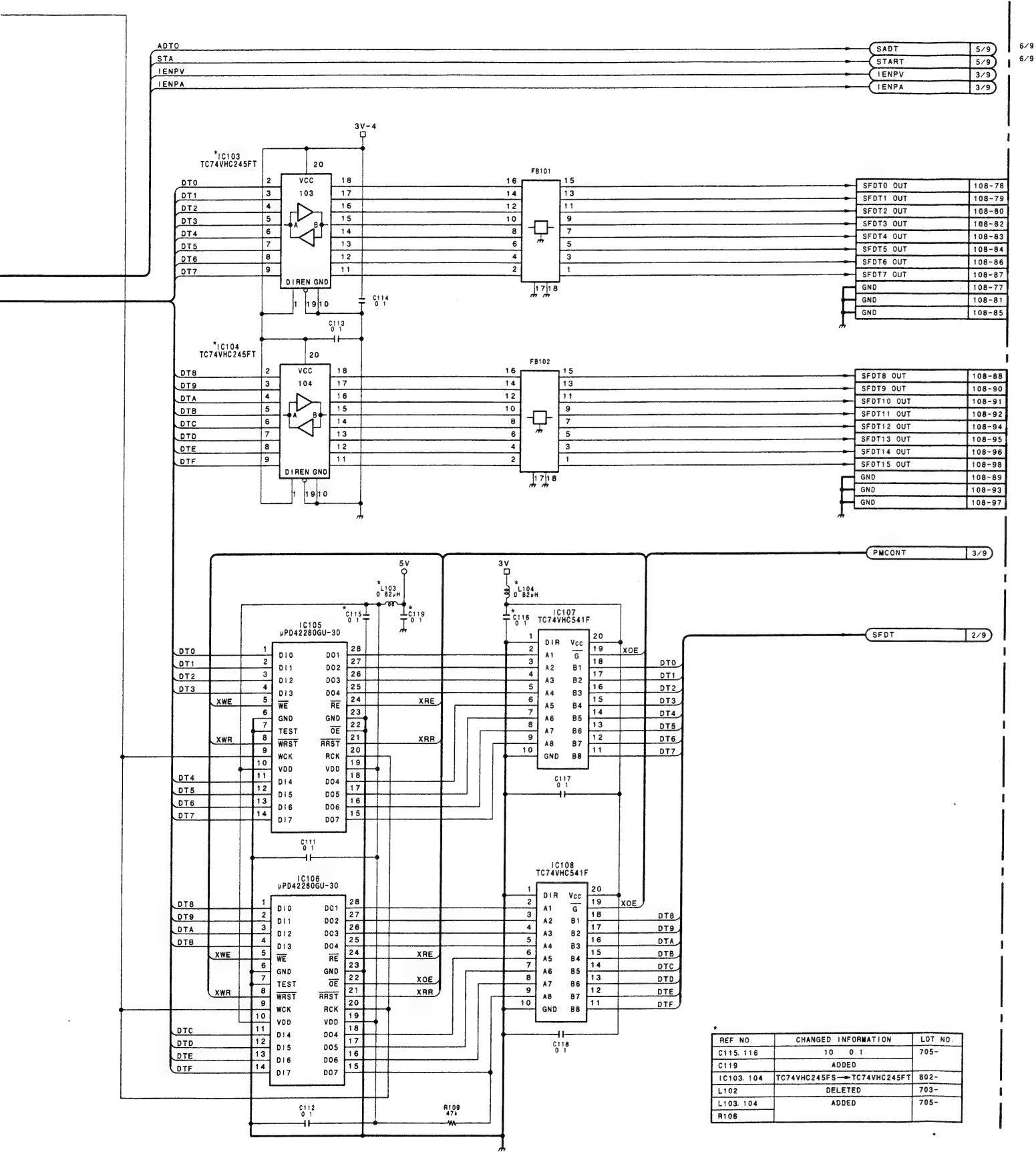
DSR-60/60P



13-44 (a)

13-44 (a)

DSR-60/60P



1

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DV-17/17A (1/9)  
BOARD SUFFIX : -12, 13  
MODEL DSR-60/60P

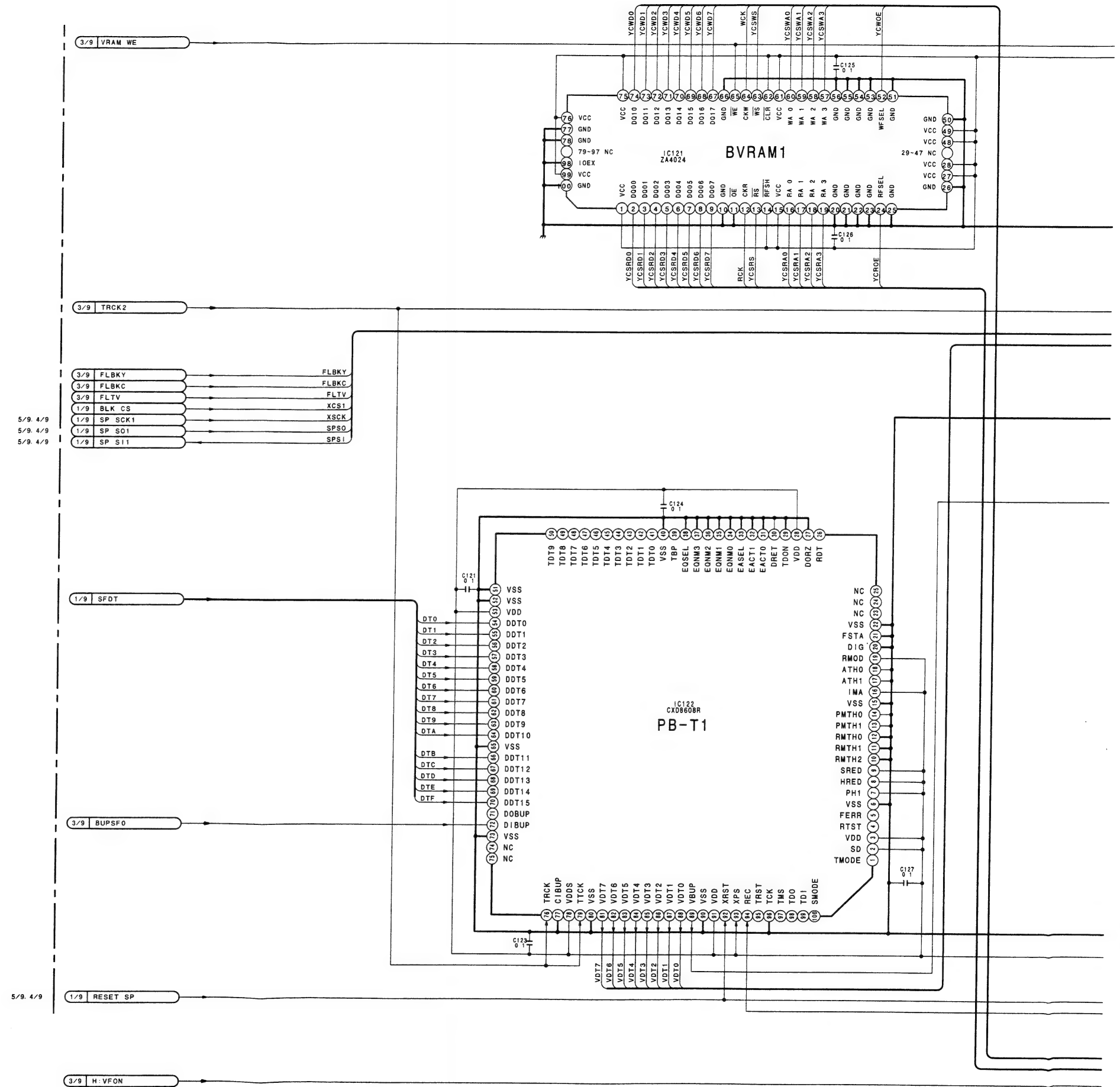
DV-17/17A (2/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DV-17/17A (2/9)

DV-17/17A (2/9)

DSR-60/60P

DSR-60/60P

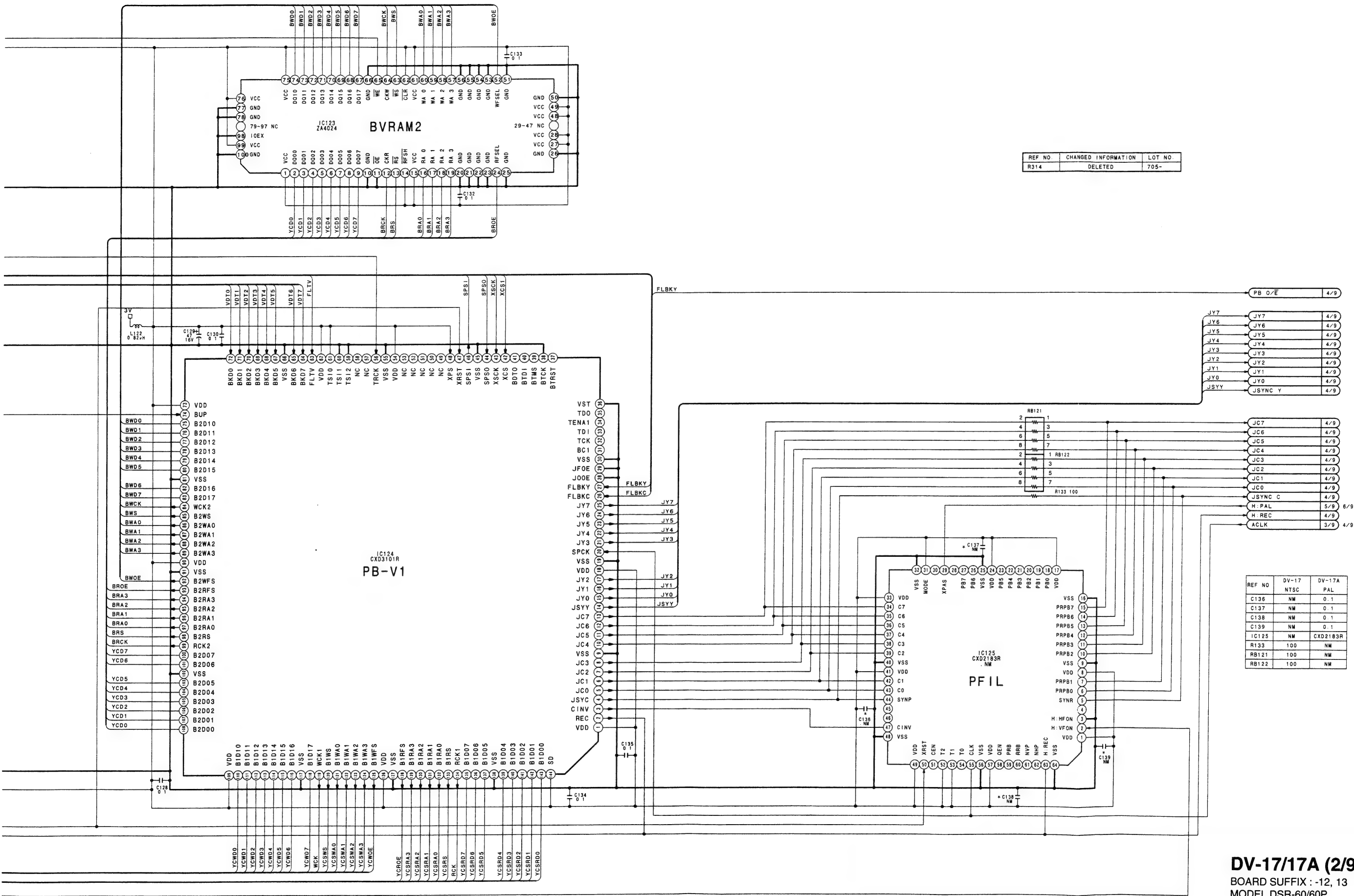


13-46 (a)

13-46 (a)

DSR-60/60P





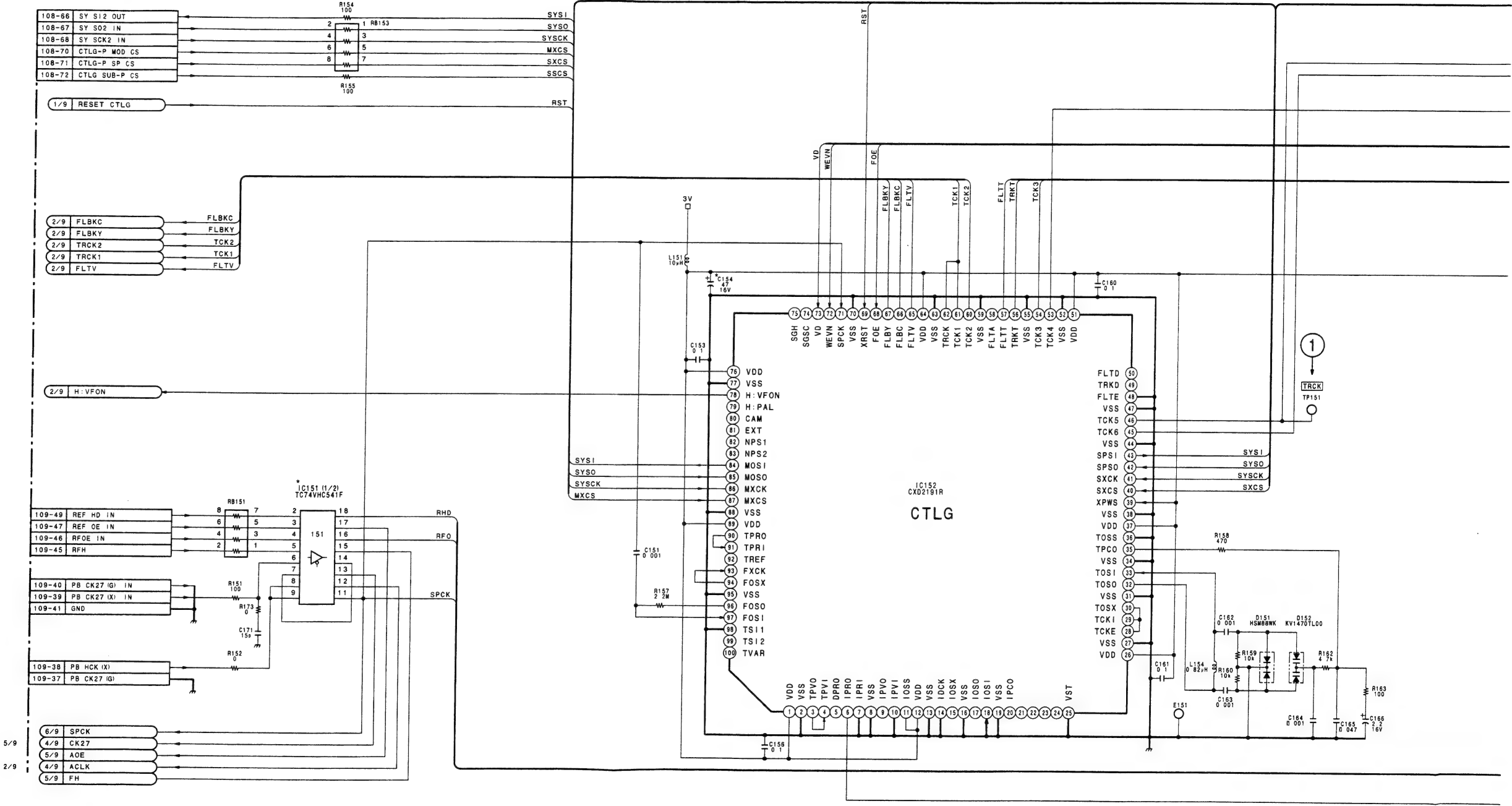
1

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3

4

5



13-48 (a)

13-48 (a)

DSR-60/60P

A

B

C

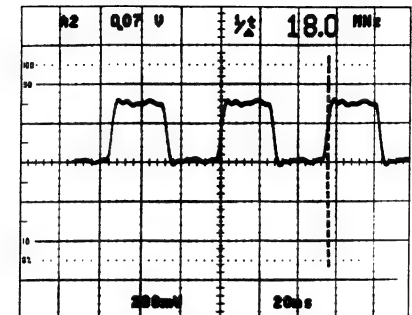
D

E

F

G

H



JNY-SP0754 / DRUCK 259

DV-17/17A (4/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

DSR-60/60P

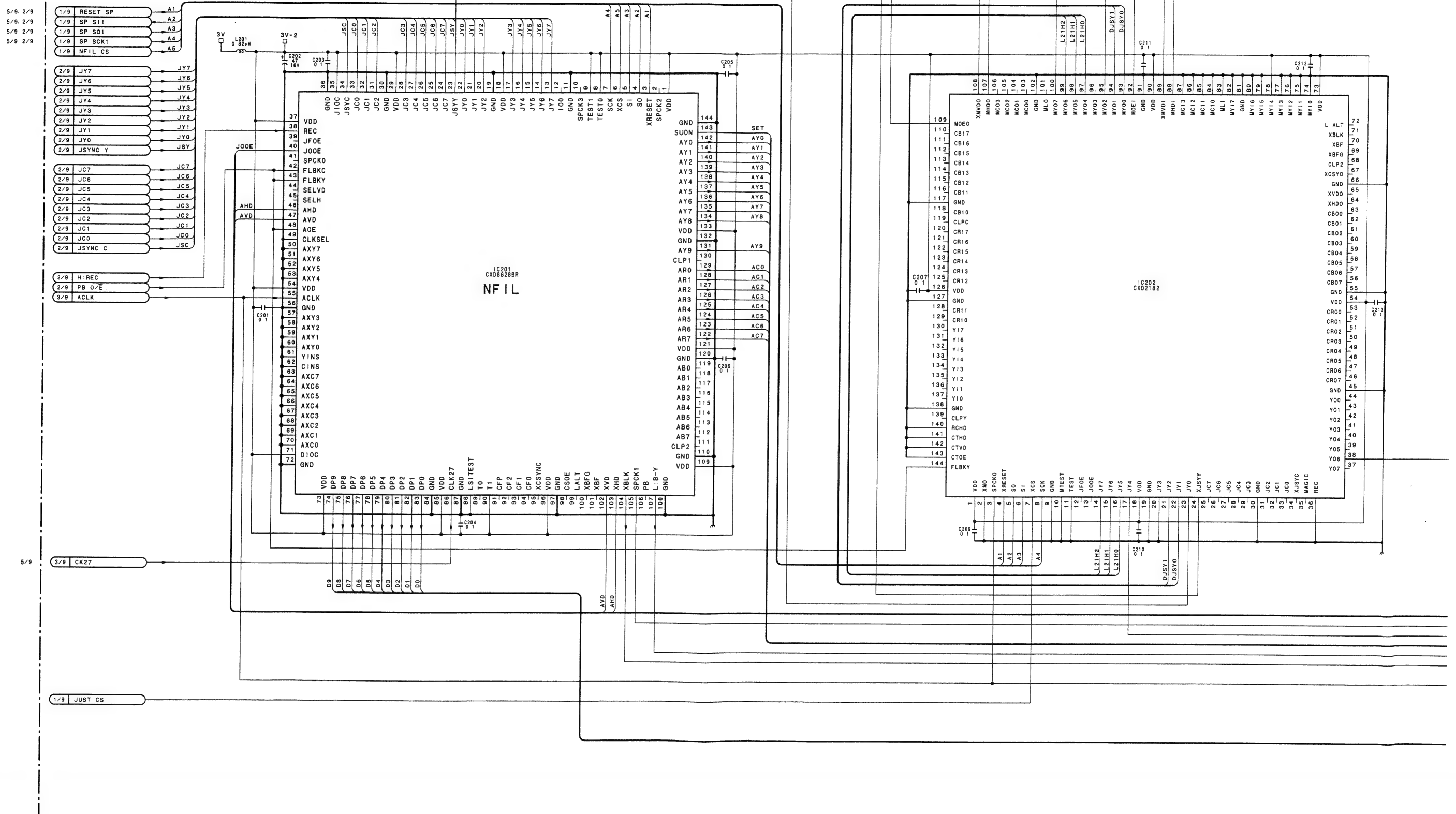
1

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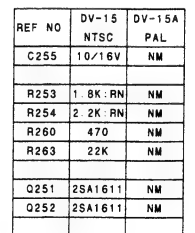


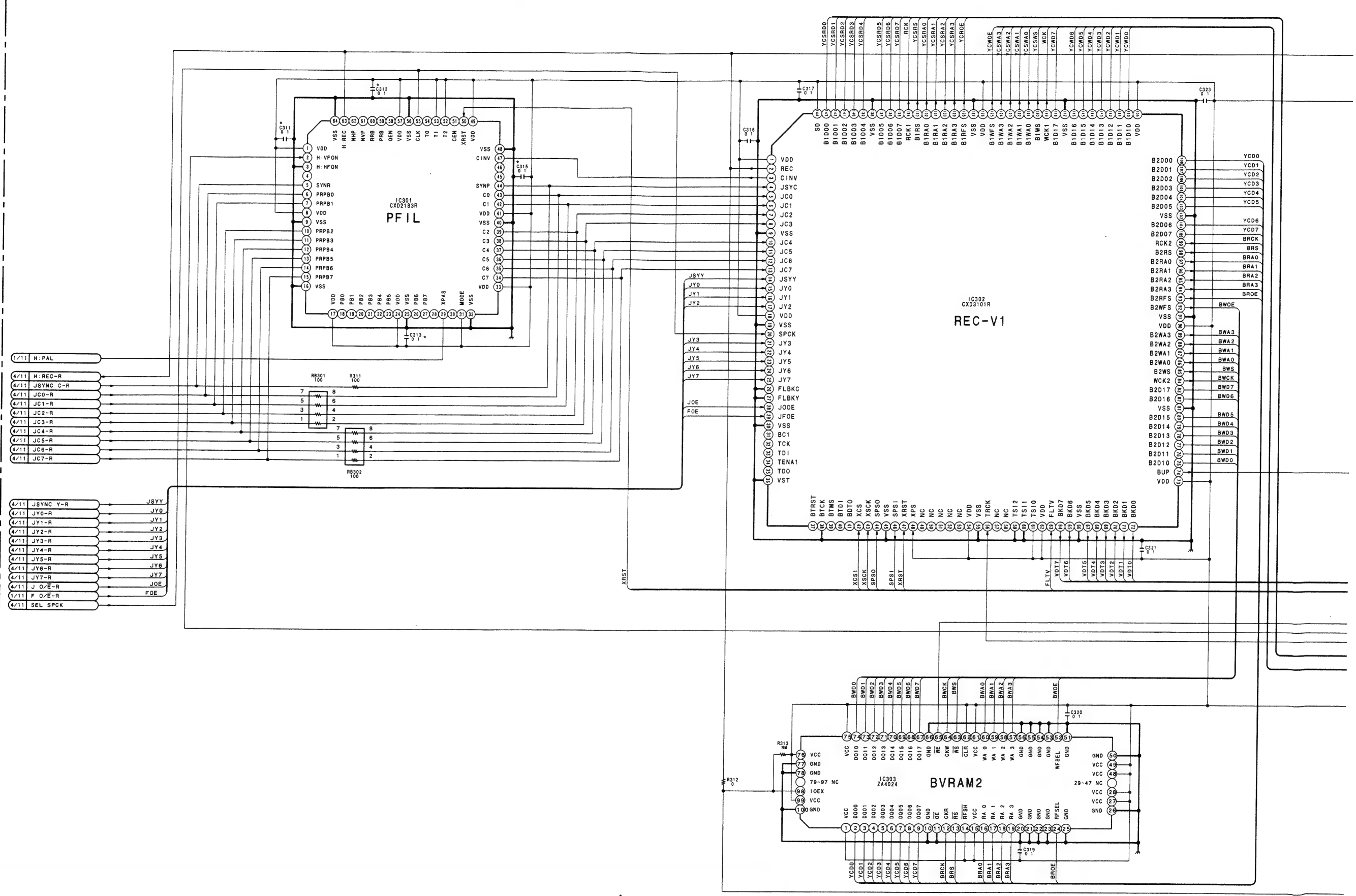
13-50 (a)

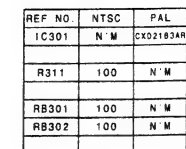
13-50 (a)

DSR-60/60P





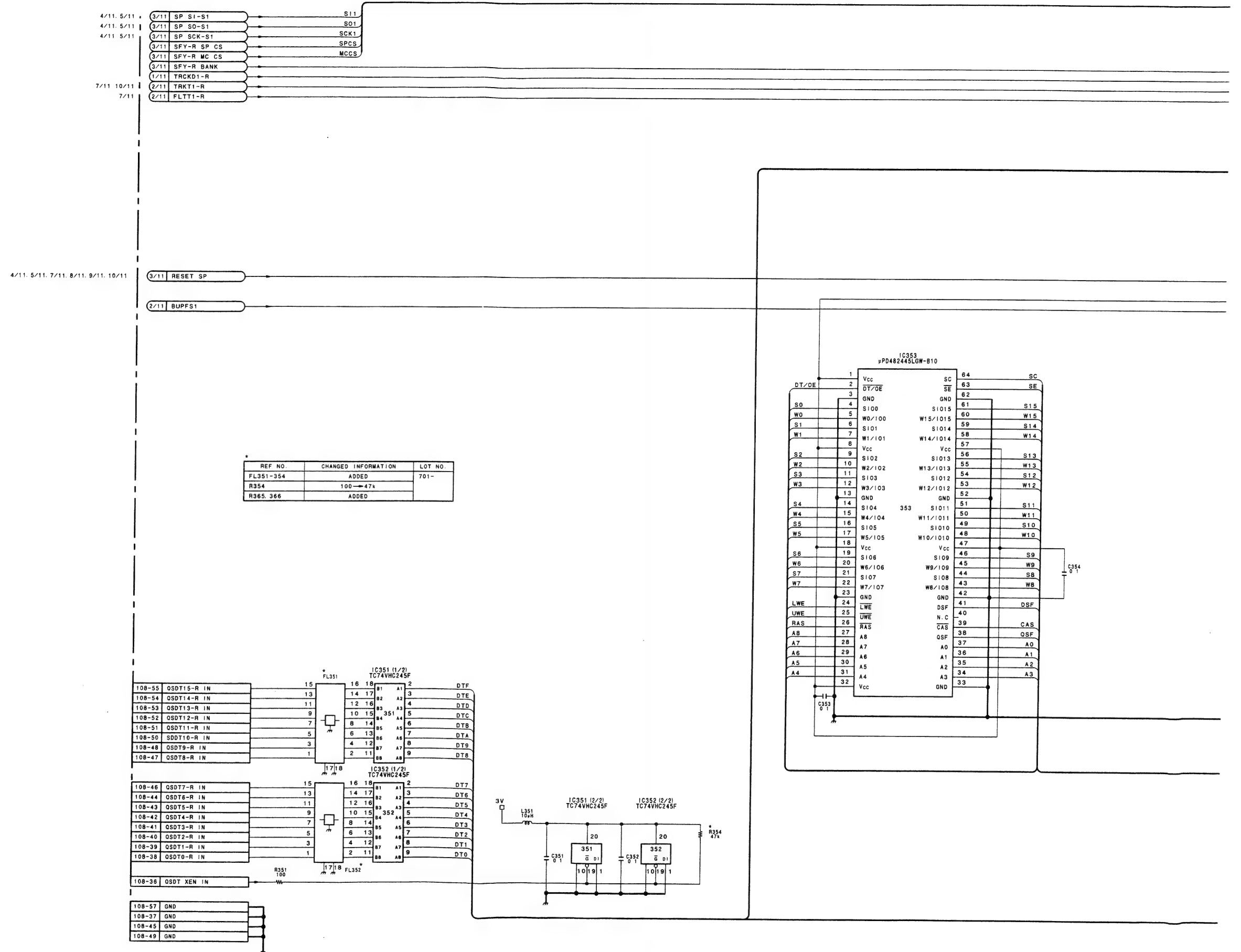




|           |      |
|-----------|------|
| BUPFS0    | 2/11 |
| FSDT0     | 7/11 |
| TRCK1-R   | 1/11 |
| SP S1-S1  | 3/11 |
| SP S0-S1  | 3/11 |
| SP SCK-S1 | 3/11 |
| BLK-R CS  | 3/11 |
| RESET SP  | 3/11 |
| FLTV-R    | 1/11 |

|           |      |
|-----------|------|
| VRAM-R WE | 3/11 |
| H:VFON-R  | 1/11 |
| TRCK2-R   | 1/11 |

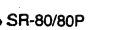
| REF NO.       | CHANGED INFORMATION | LOT NO. |
|---------------|---------------------|---------|
| C311-313. 315 | ADDED               | 701-    |

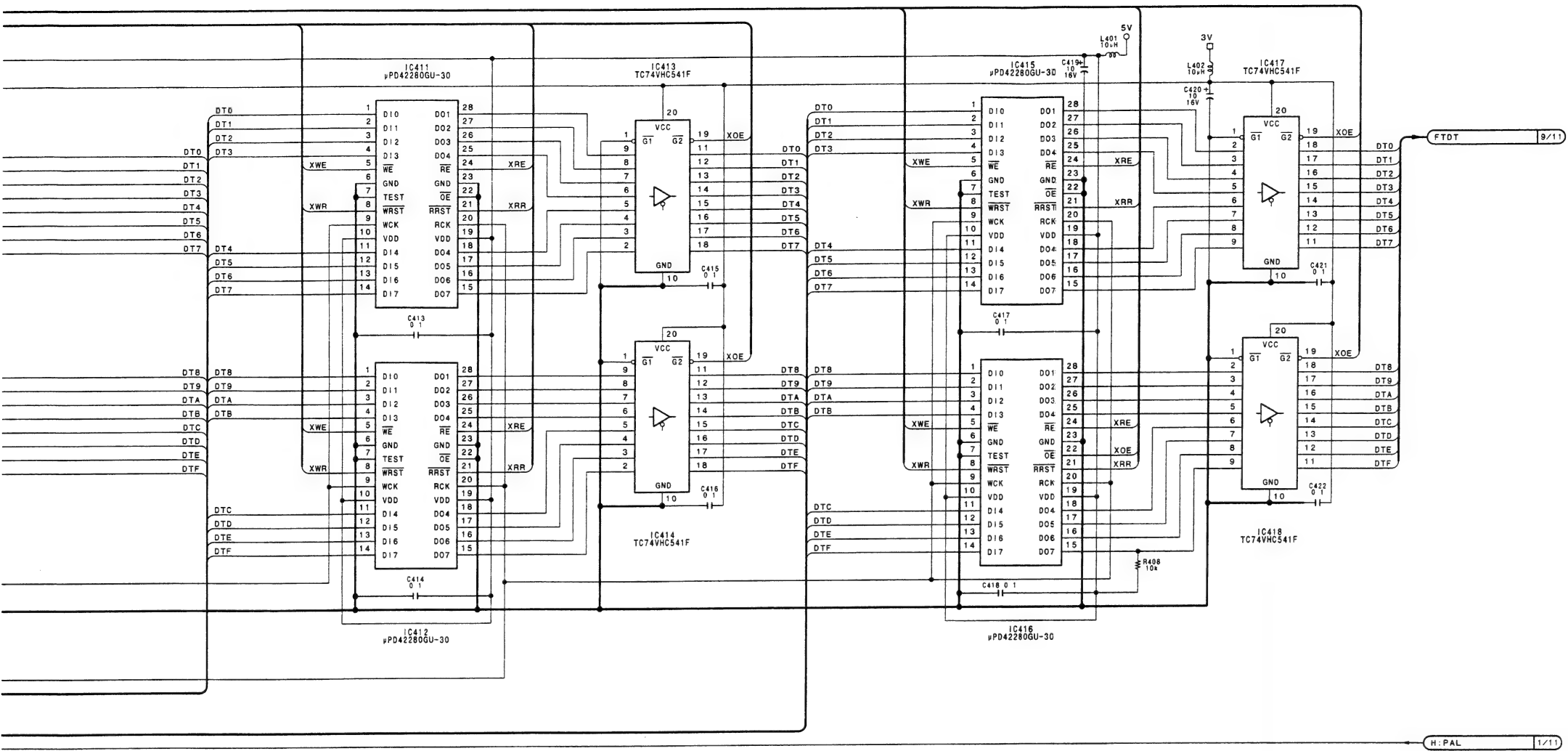






## 5





H: PAL 1/11

3/11, 5/11, 9/11, 11/11

START-A 6/11  
AUEN-R 6/11  
START-R 6/11  
SADT-R 6/11  
IENPV-R 2/11  
IENPA-R 6/11

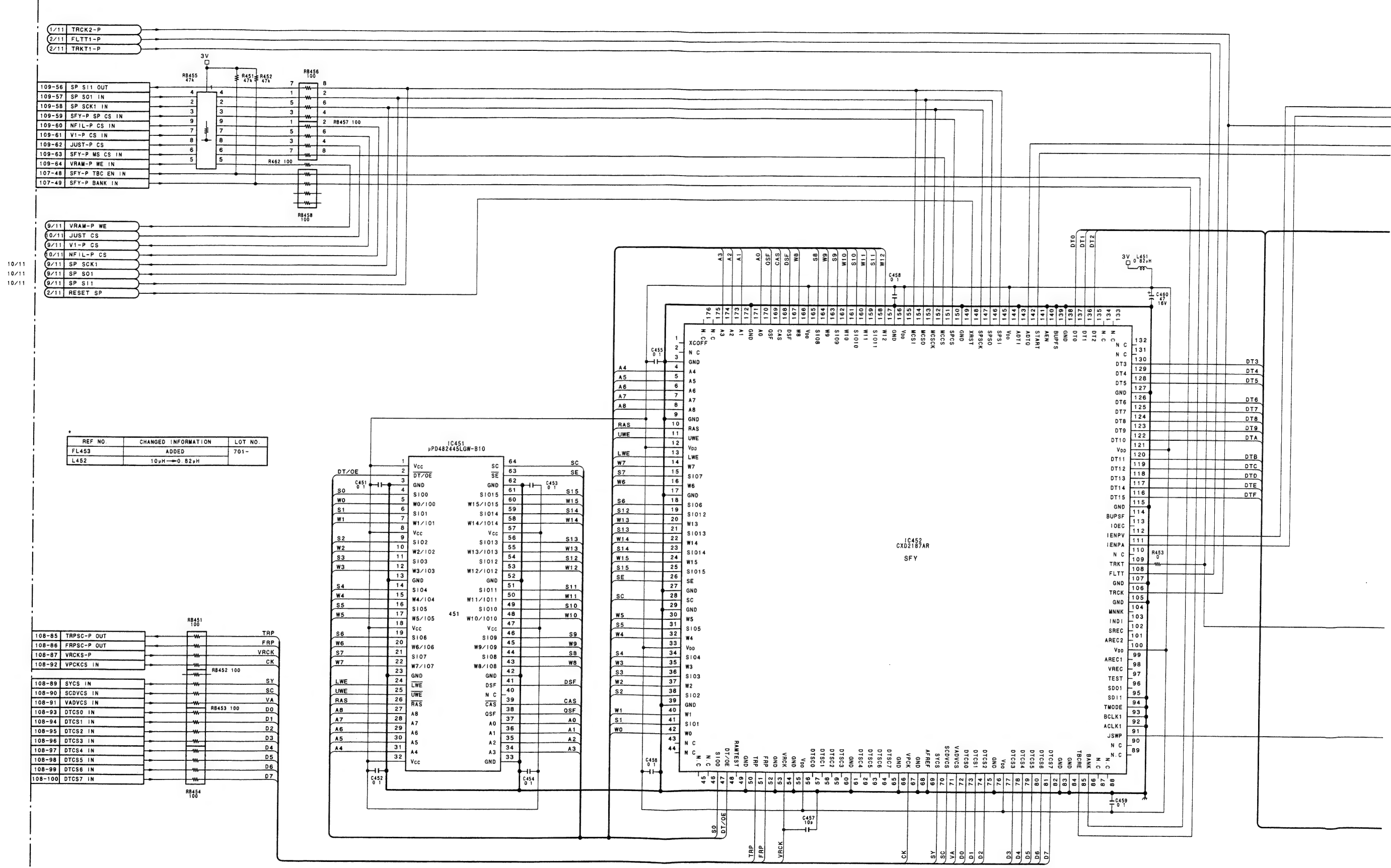
6/11

RESET SP 3/11

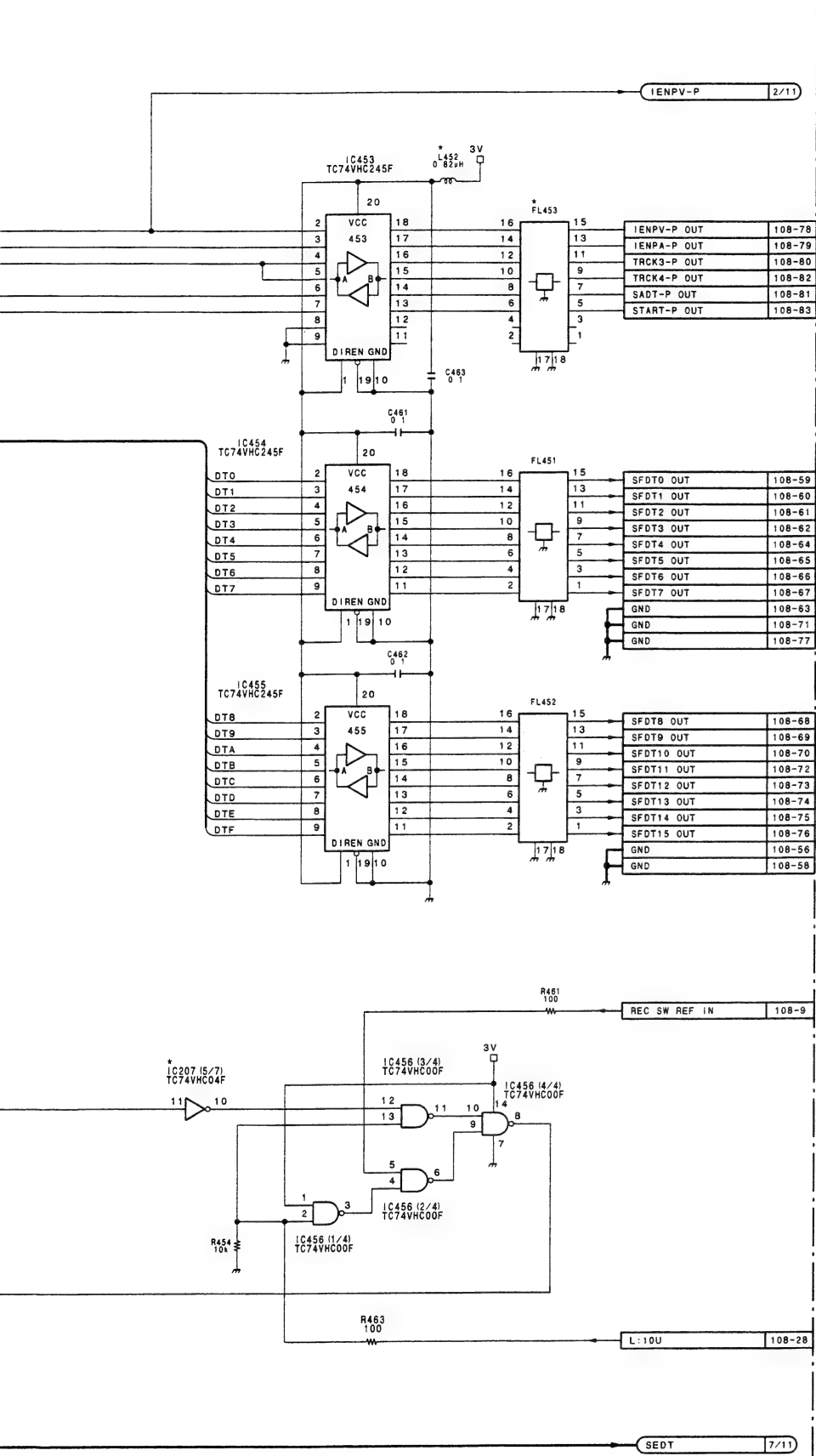
3/11, 4/11, 5/11, 9/11, 10/11

| REF. NO.  | CHANGED INFORMATION       | LOT NO. |
|-----------|---------------------------|---------|
| IC401-404 | TC74VHC541F → TC74VHC541F | 701-    |

DV-15/15A (7/11)  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P







1

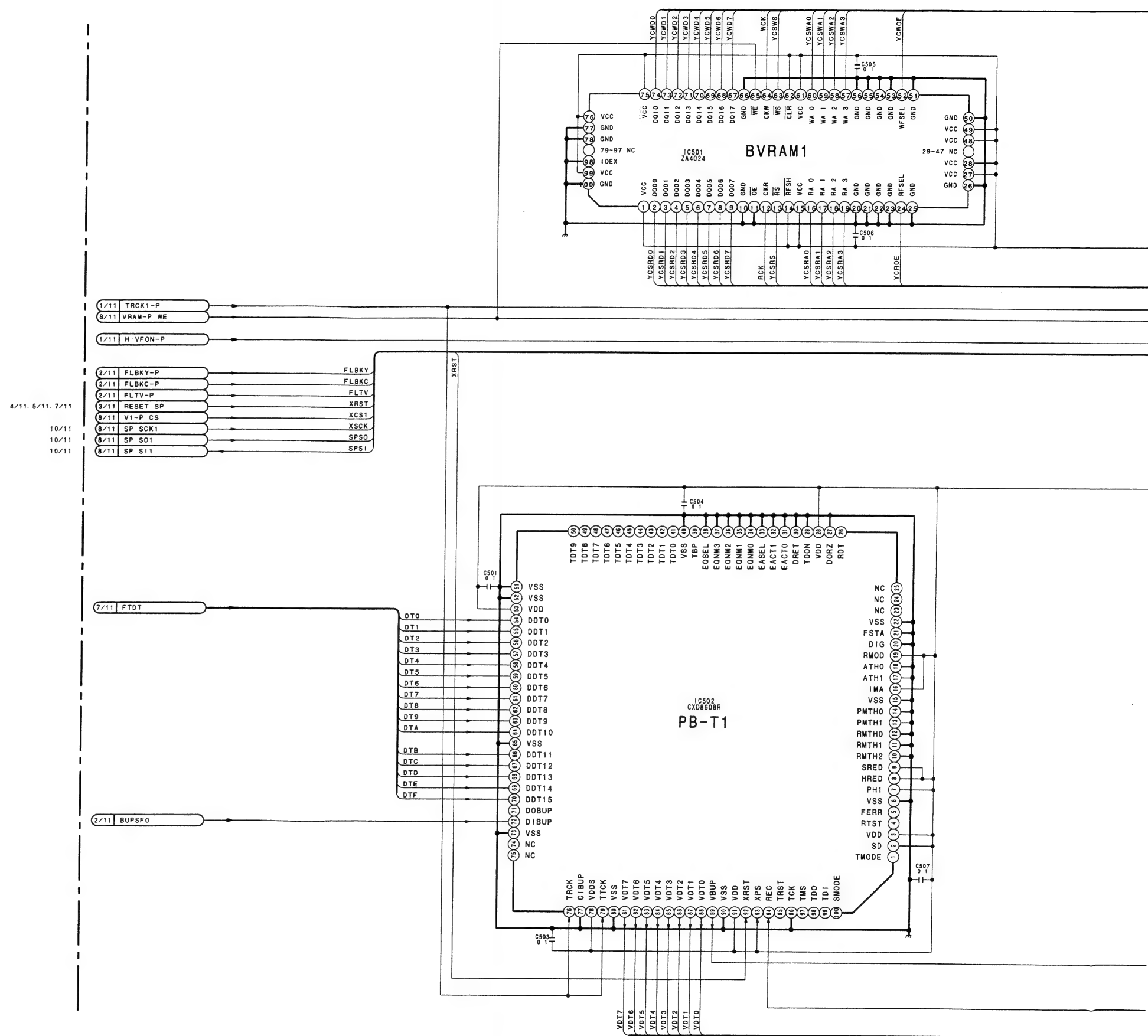
2

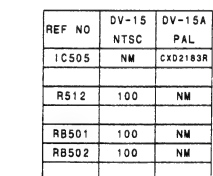
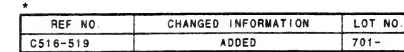
3

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DV-15/15A (8/11)  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P



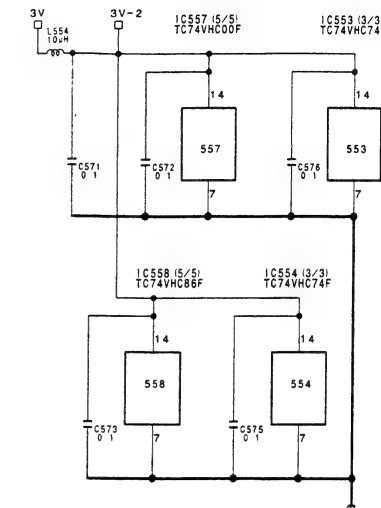


**P**

5







| REF NO | DV-15<br>NTSC | DV-15A<br>PAL |
|--------|---------------|---------------|
| IC552  | CXD2182       | NM            |
| IC553  | TC74VHC74F    | NM            |
| IC554  | TC74VHC74F    | NM            |
| IC557  | TC74VHC00F    | NM            |
| IC558  | TC74VHC86F    | NM            |
| Q551   | DTA144EKA     | NM            |
| Q552   | DTA144EKA     | NM            |
| R556   | NM            | 0             |
| R557   | NM            | 0             |
| R558   | NM            | 0             |
| R560   | NM            | 0             |
| R561   | NM            | 0             |
| R576   | 10K           | NM            |
| R577   | 10K           | NM            |
| CS57   | 0 1           | NM            |
| CS59   | 0 1           | NM            |
| CS60   | 0 1           | NM            |
| CS61   | 0 1           | NM            |
| CS62   | 0 1           | NM            |
| CS63   | 0 1           | NM            |
| CS71   | 0 1           | NM            |
| CS72   | 0 1           | NM            |
| CS73   | 0 1           | NM            |
| CS75   | 0 1           | NM            |
| CS76   | 0 1           | NM            |
| L554   | 10UH          | NM            |





DV-17/17A (1/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

DSR-60/60P

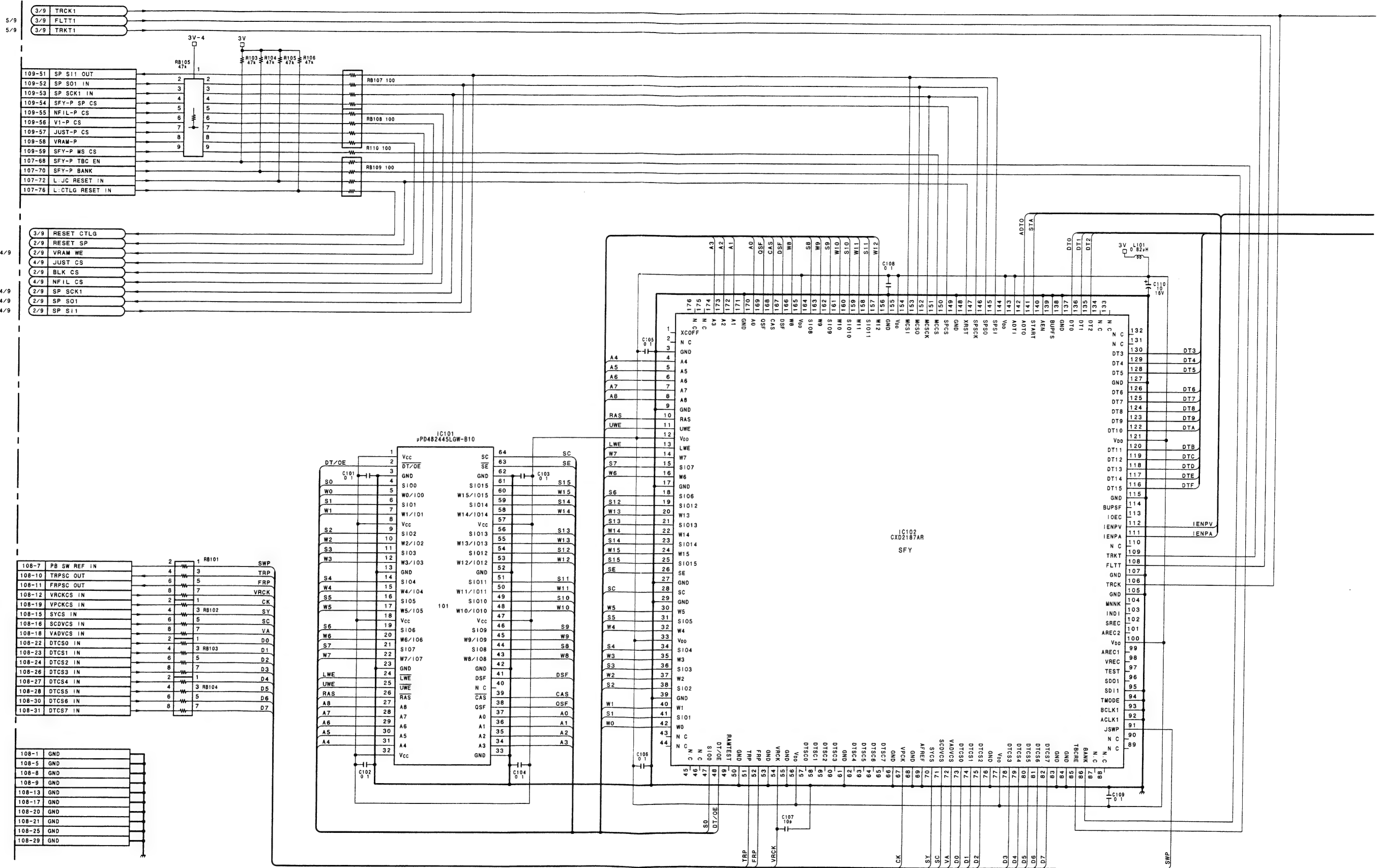
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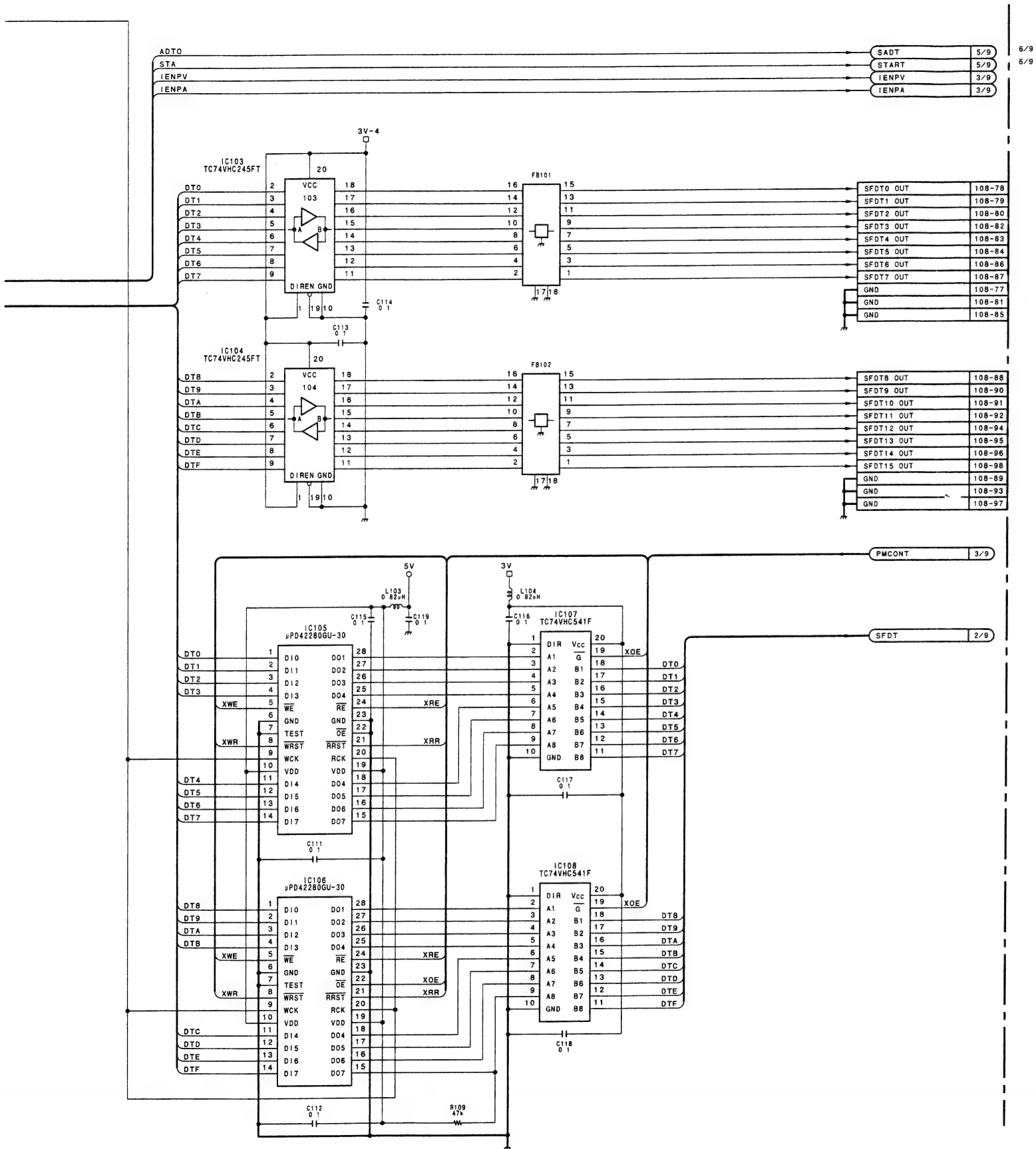


13-44 (b)

13-44 (b)

DSR-60/60P



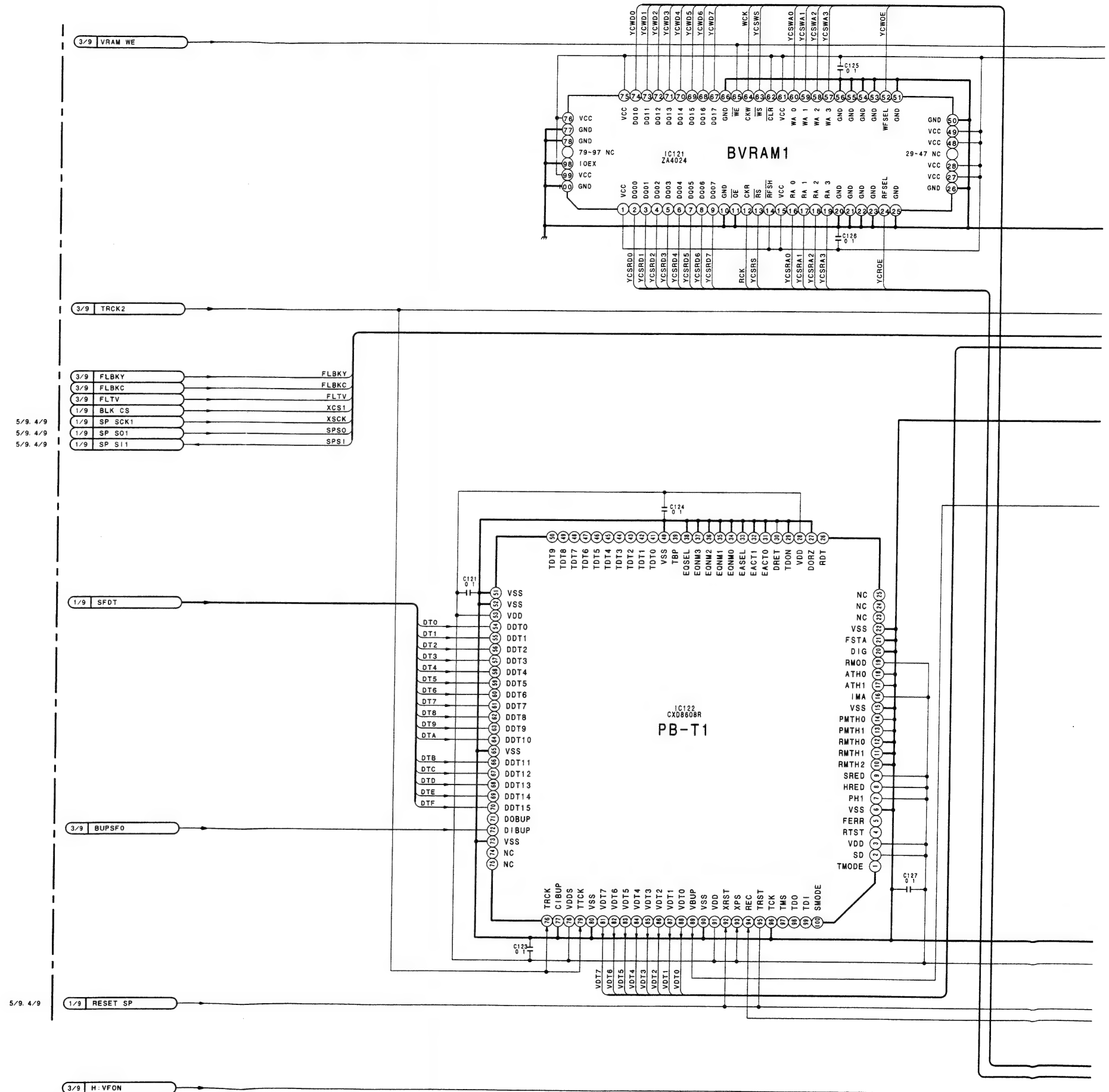


DV-17/17A (2/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DV-17/17A (2/9) DV-17/17A (2/9)

DSR-60/60P

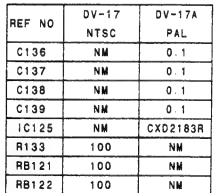
DSR-60/60P



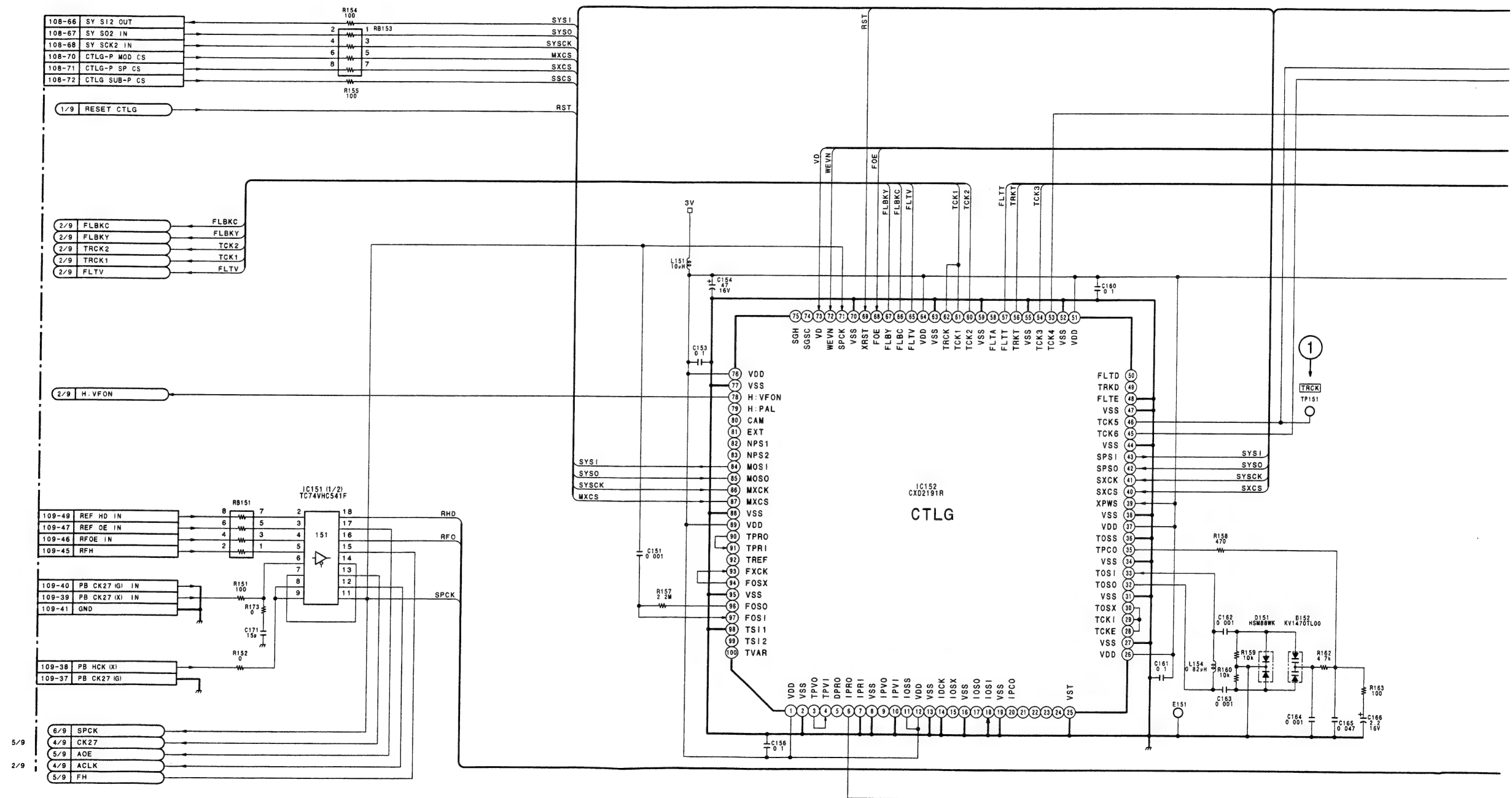
13-46 (b)

13-46 (b)

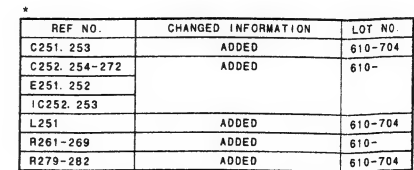
DSR-60/60P



BOARD SUFFIX : -14  
MODEL DSR-60/60P



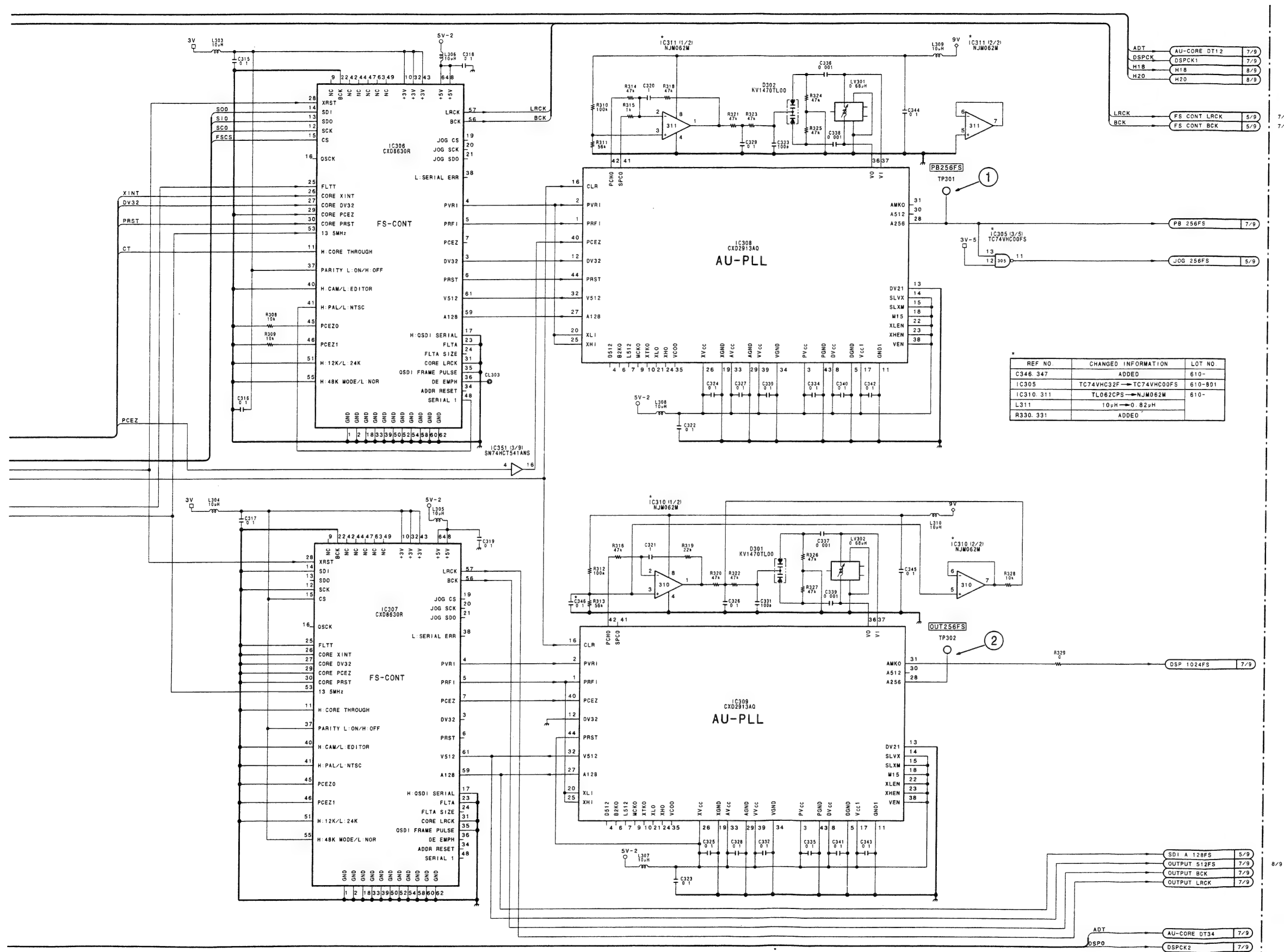




**DSR-60/60P**

( $f_c = 48 \text{ KHz}$ )





DV-17/17A (6/9)

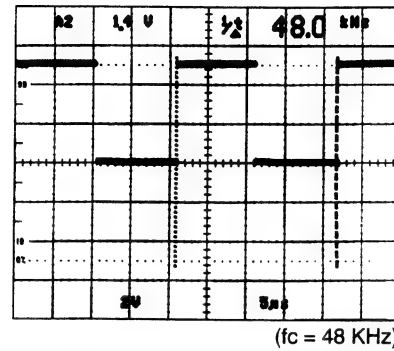
BOARD SUFFIX : -11  
MODEL DSR-60/60P

DV-17/17A (7/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

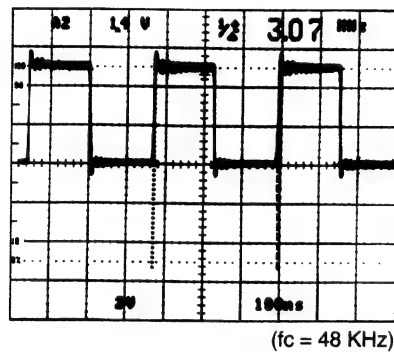
DSR-60/60P

DSR-60/60P

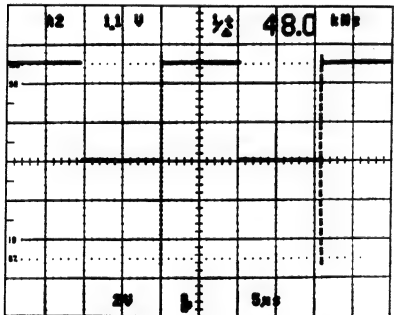
1

① TP351 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

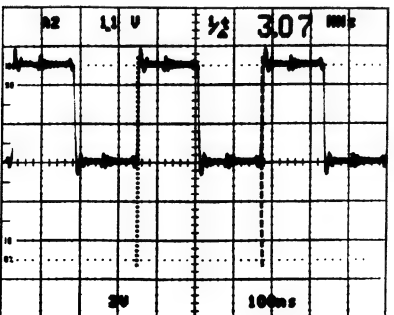
2

② TP352 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

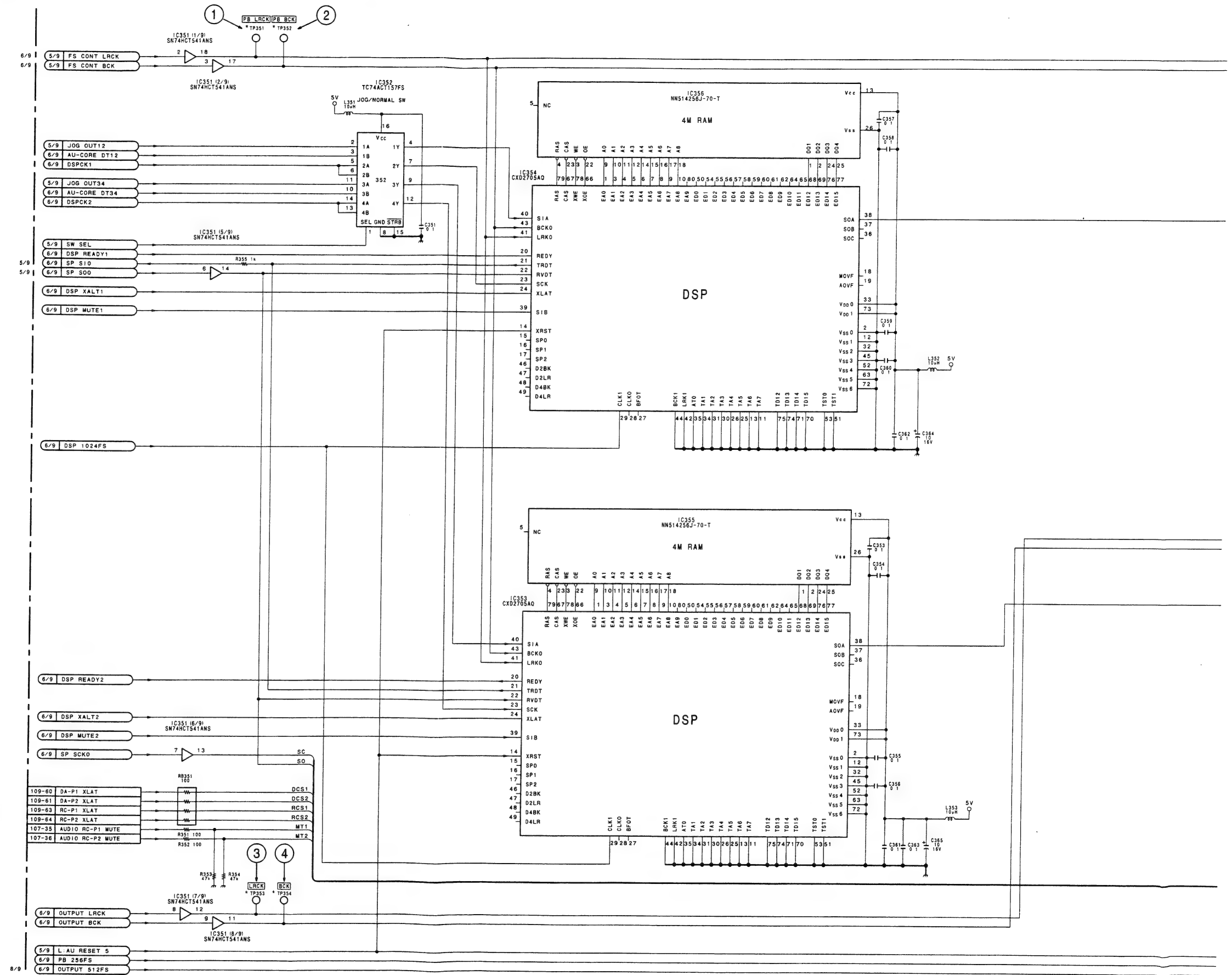
3

③ TP353 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

4

④ TP354 MODE: 75% Color Bar/PB (NTSC)  
MODE: 100% Color Bar/PB (PAL)

5



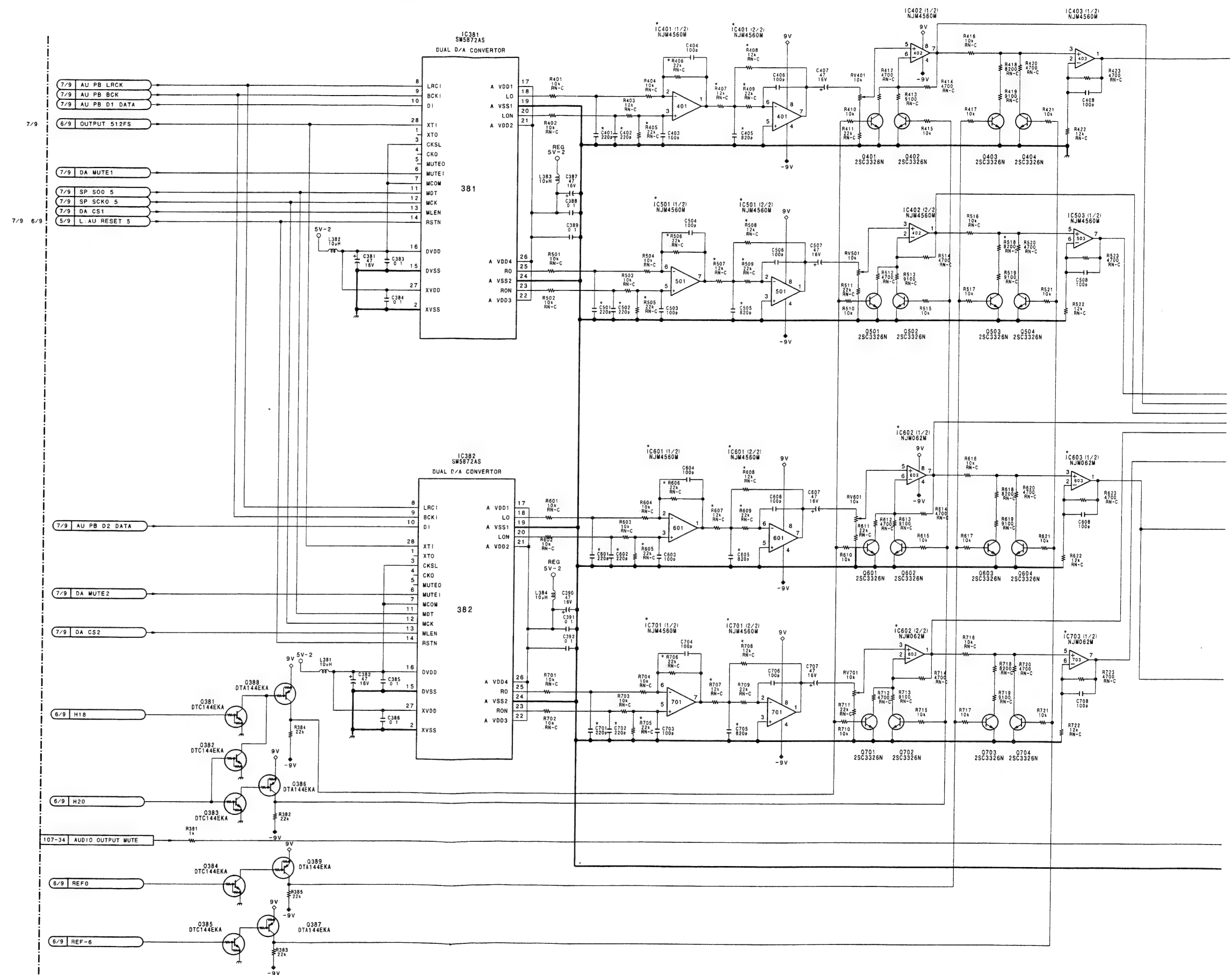
13-56

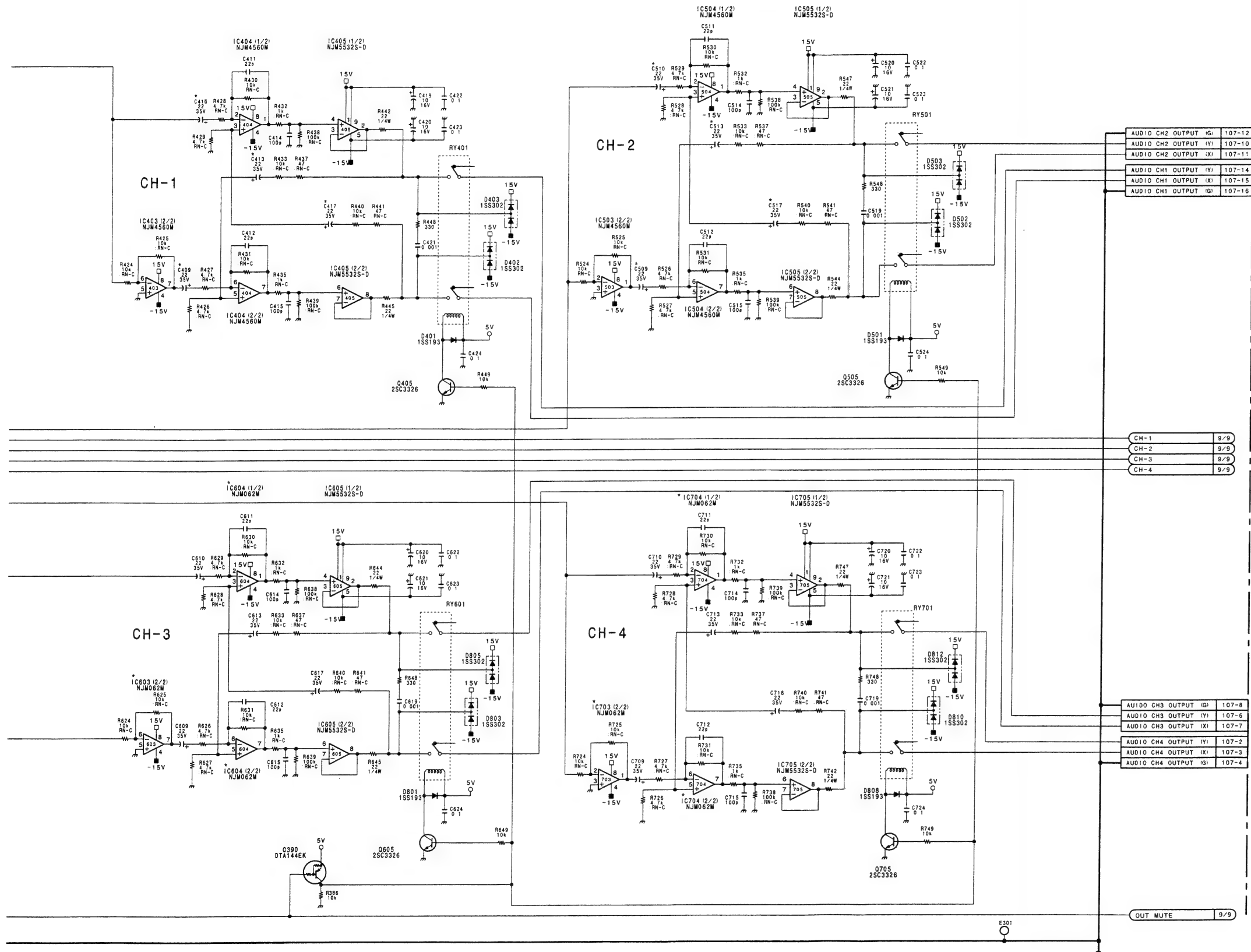
13-56

DSR-60/60P









| REF NO                                      | CHANGED INFORMATION | LOT NO |
|---|---------------------|--------|
| C401 402<br>501 502                         | ADDED               | 610-   |
| C405 505.<br>605. 705                       | 3900a → 820a        |        |
| C408. 410. 413<br>417 509. 510.<br>513. 517 | 22 → 22 35V         |        |
| C601. 602<br>701. 702                       | ADDED               |        |
| IC401 501<br>601 701                        | NJM5532W → NJM4560W |        |
| IC602-604.<br>703. 704                      | NJM4560W → NJM062W  |        |
| R405 406<br>505 506                         | 24 → 22             |        |
| R407. 408<br>507 508                        | 2 7k → 12k          |        |
| R409 509. 609                               | 3 3k → 22k          |        |
| R518  | 9100 → 8200         |        |
| R605. 606<br>705. 706                       | 24k → 22k           |        |
| R607. 608<br>707. 708                       | 2 7k → 12k          |        |

DSR-60/60P

13-59

13-59

**DV-17/17A (8/9)**  
BOARD SUFFIX : -11  
MODEL DSR-60/60P

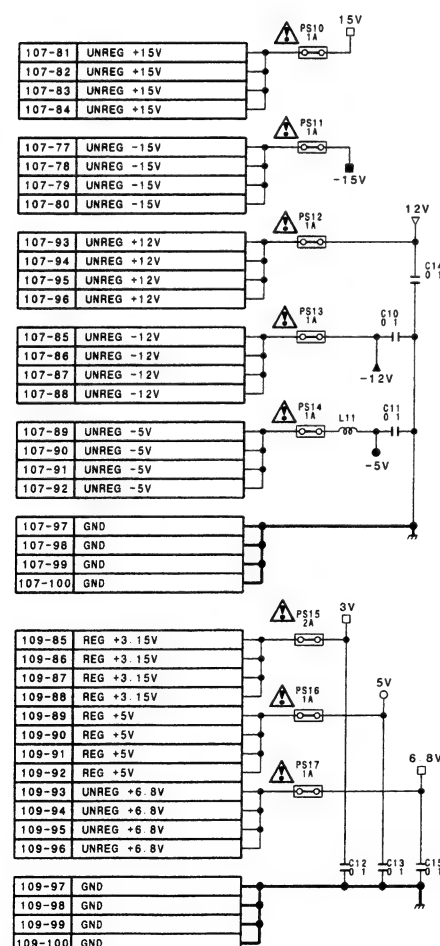
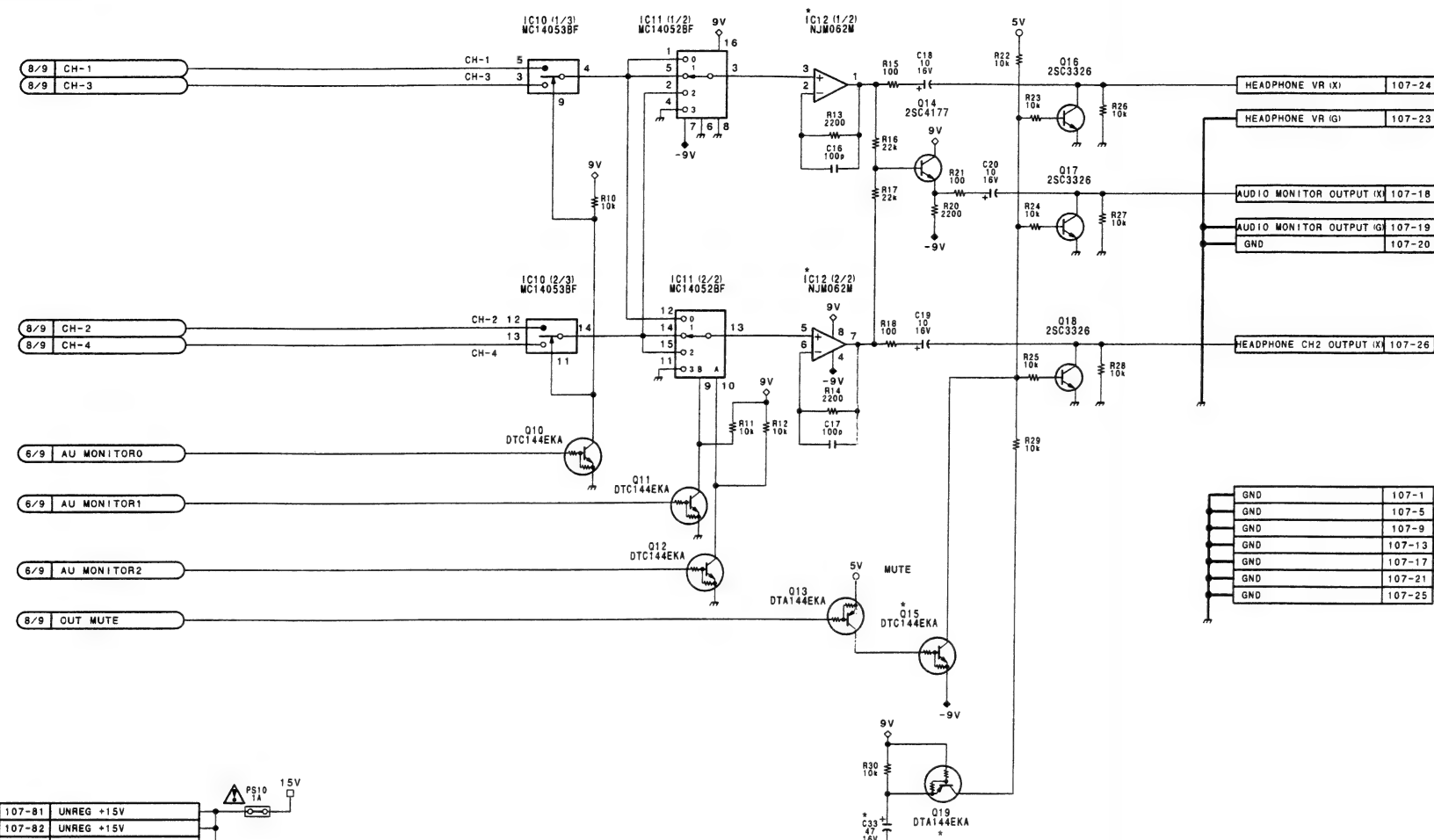




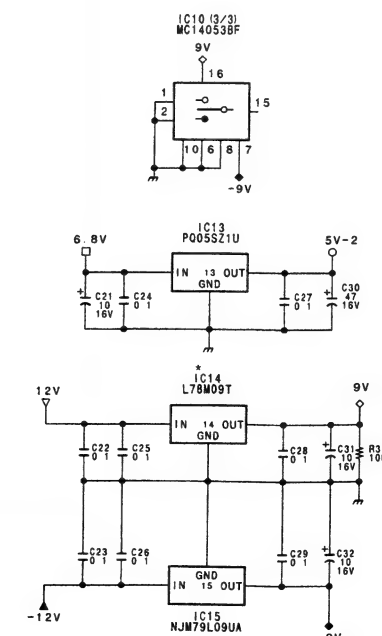
DV-17/17A (9/9): VIDEO/AUDIO DIGITAL PROCESS  
AUDIO ANALOG PROCESS

DSR-60/60P

DSR-60/60P



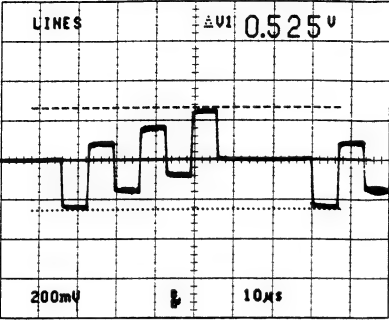
| REF NO. | CHANGED INFORMATION   | LOT NO. |
|---------|-----------------------|---------|
| C33     | ADDED                 | 610-    |
| IC12    | NJM4560M → NJM062M    | 610-    |
| IC14    | NJM78L09UA → L78M09T  | 610-704 |
| L11     | DELETED               | 610-704 |
| Q15     | DTA144EKA → DTC144EKA | 610-    |
| Q19     | ADDED                 |         |



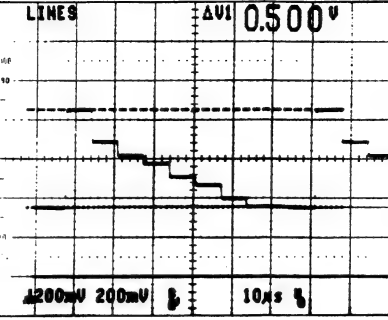
IO-149B/149C: VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

IO-149 (2/8)

① TP101 MODE: 75% Color Bar/EE • PB (NTSC)

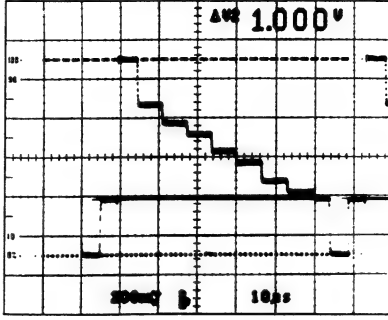


③ TP103 MODE: 75% Color Bar/EE • PB (NTSC)

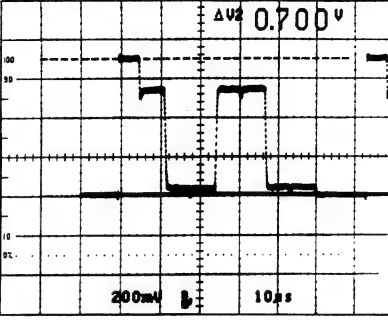


IO-149 (3/8)

① TP301 MODE: 75% Color Bar/EE • PB (NTSC)

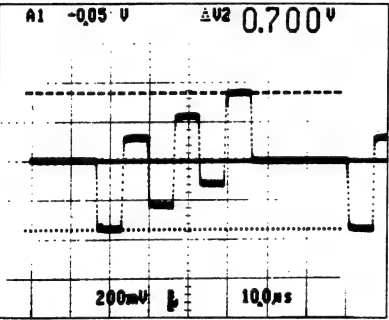


② TP302 MODE: 75% Color Bar/EE • PB (NTSC)

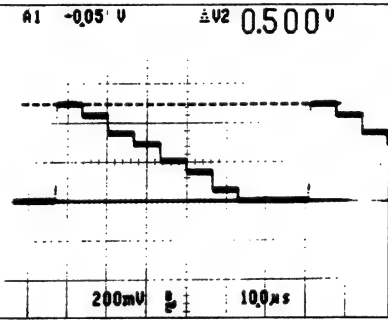


RGB (3 wire)

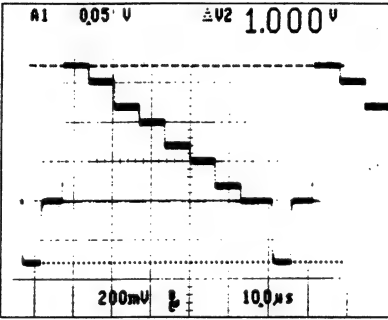
① TP101 MODE: 100% Color Bar/EE • PB (PAL)



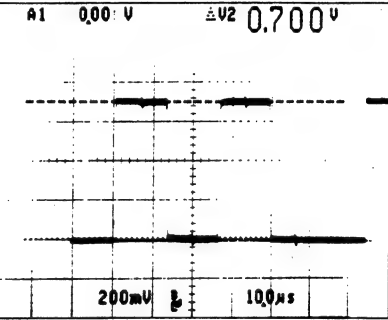
③ TP103 MODE: 100% Color Bar/EE • PB (PAL)



① TP301 MODE: 100% Color Bar/EE • PB (PAL)

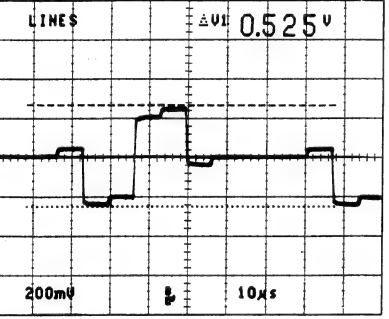


② TP302 MODE: 100% Color Bar/EE • PB (PAL)

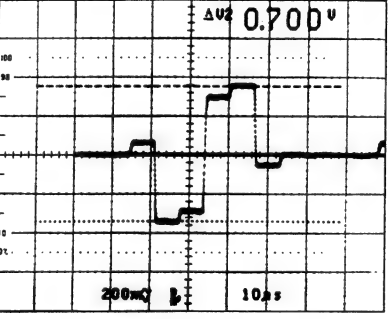


RGB (3 wire)

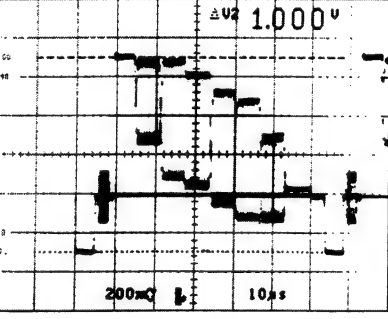
② TP102 MODE: 75% Color Bar/EE • PB (NTSC)



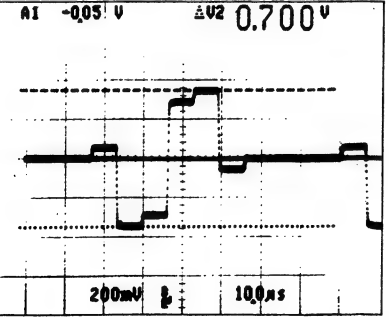
② TP302 MODE: 75% Color Bar/EE • PB (NTSC)



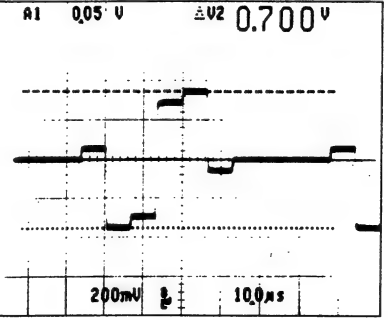
③ TP303 MODE: 75% Color Bar/EE • PB (NTSC)



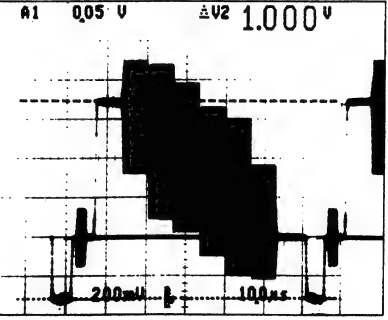
② TP102 MODE: 100% Color Bar/EE • PB (PAL)



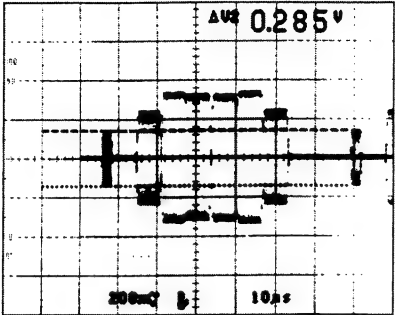
② TP302 MODE: 100% Color Bar/EE • PB (PAL)



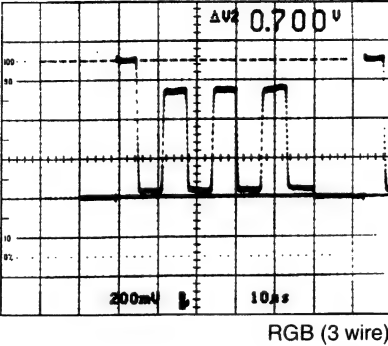
③ TP303 MODE: 100% Color Bar/EE • PB (PAL)



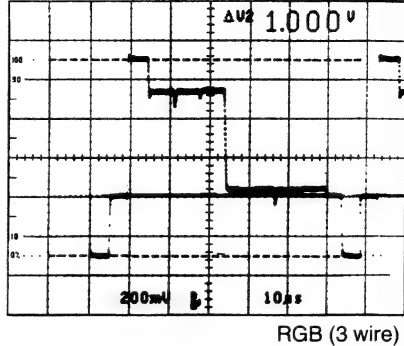
④ TP304 MODE: 75% Color Bar/EE • PB (NTSC)



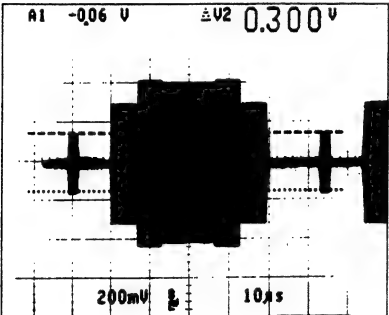
⑤ TP305 MODE: 75% Color Bar/EE • PB (NTSC)



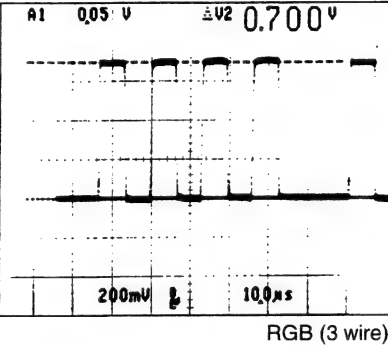
⑥ TP306 MODE: 75% Color Bar/EE • PB (NTSC)



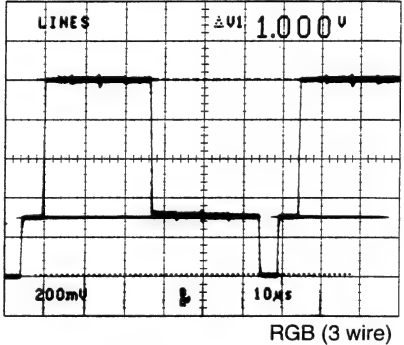
④ TP304 MODE: 100% Color Bar/EE • PB (PAL)



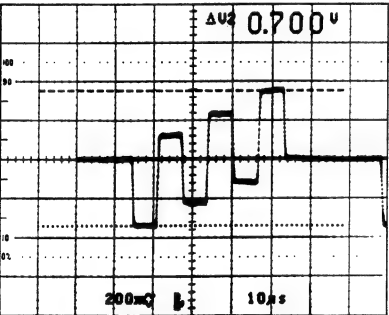
⑤ TP305 MODE: 100% Color Bar/EE • PB (PAL)



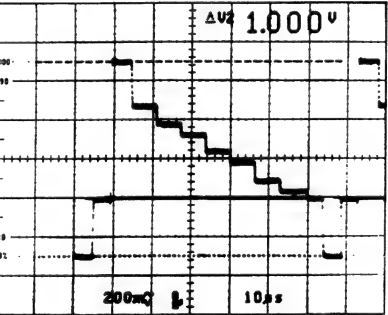
⑥ TP306 MODE: 100% Color Bar/EE • PB (PAL)



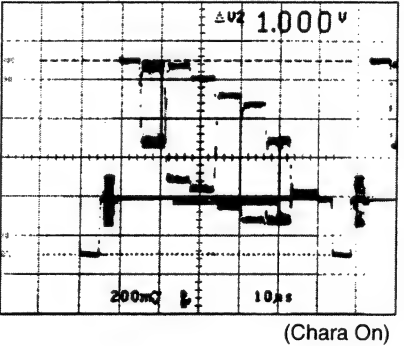
⑤ TP305 MODE: 75% Color Bar/EE • PB (NTSC)



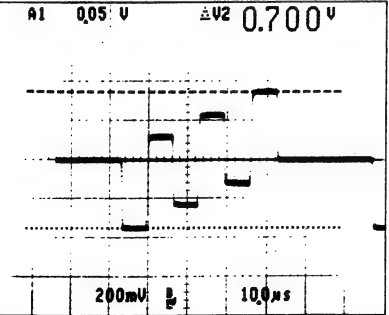
⑥ TP306 MODE: 75% Color Bar/EE • PB (NTSC)



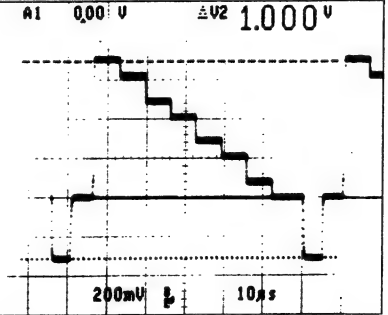
⑦ TP307 MODE: 75% Color Bar/EE • PB (NTSC)



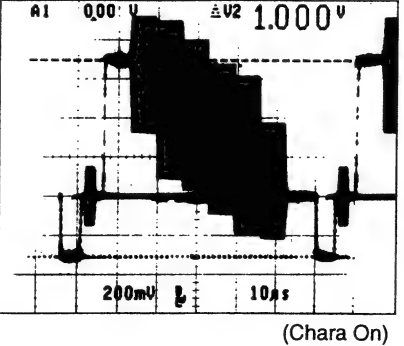
⑤ TP305 MODE: 100% Color Bar/EE • PB (PAL)



⑥ TP306 MODE: 100% Color Bar/EE • PB (PAL)



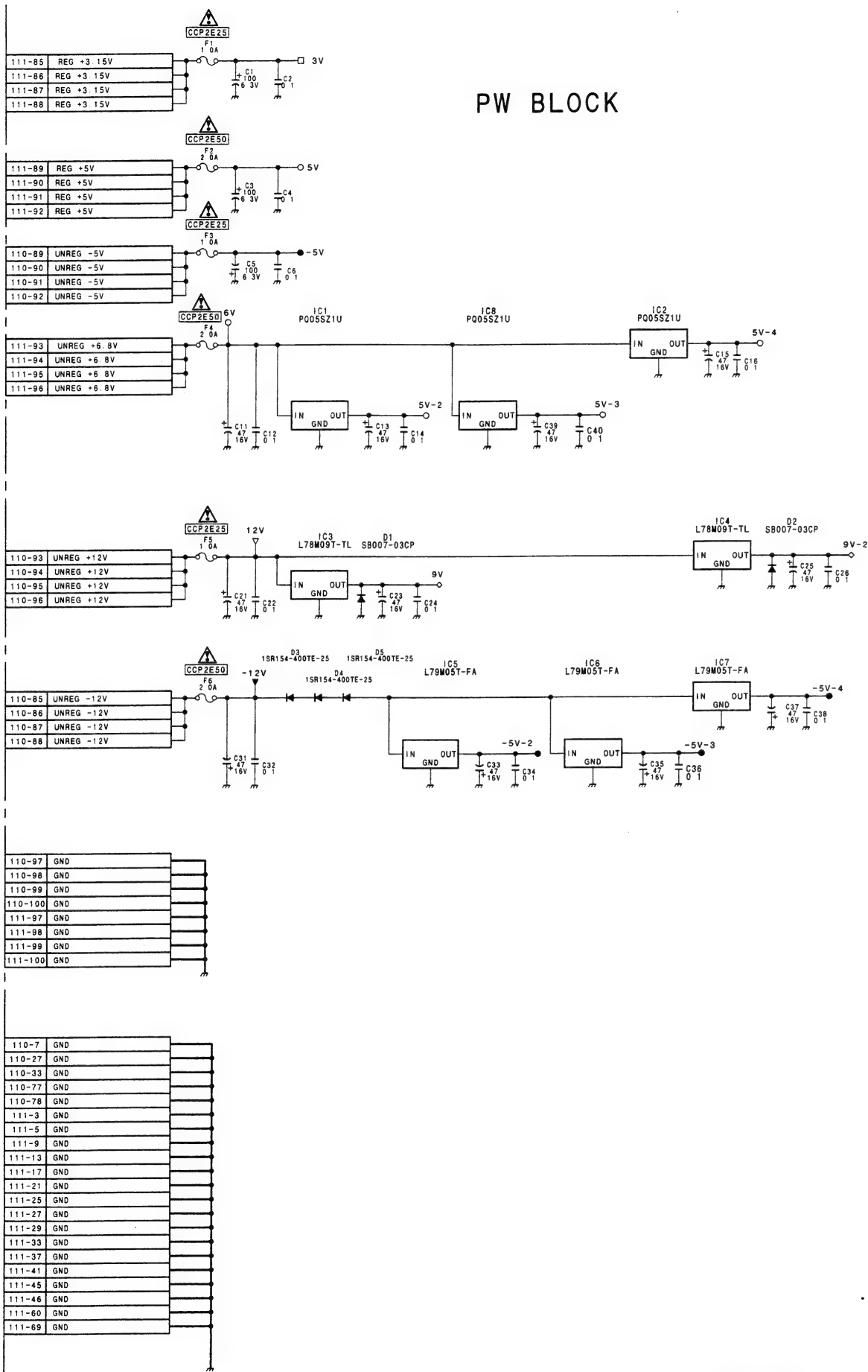
⑦ TP307 MODE: 100% Color Bar/EE • PB (PAL)







IO-149B/149C (1/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A (1/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



**IO-149/149A/149B/149C (1/8)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

IO-149B/149C (2/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)

IO-149/149A (2/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

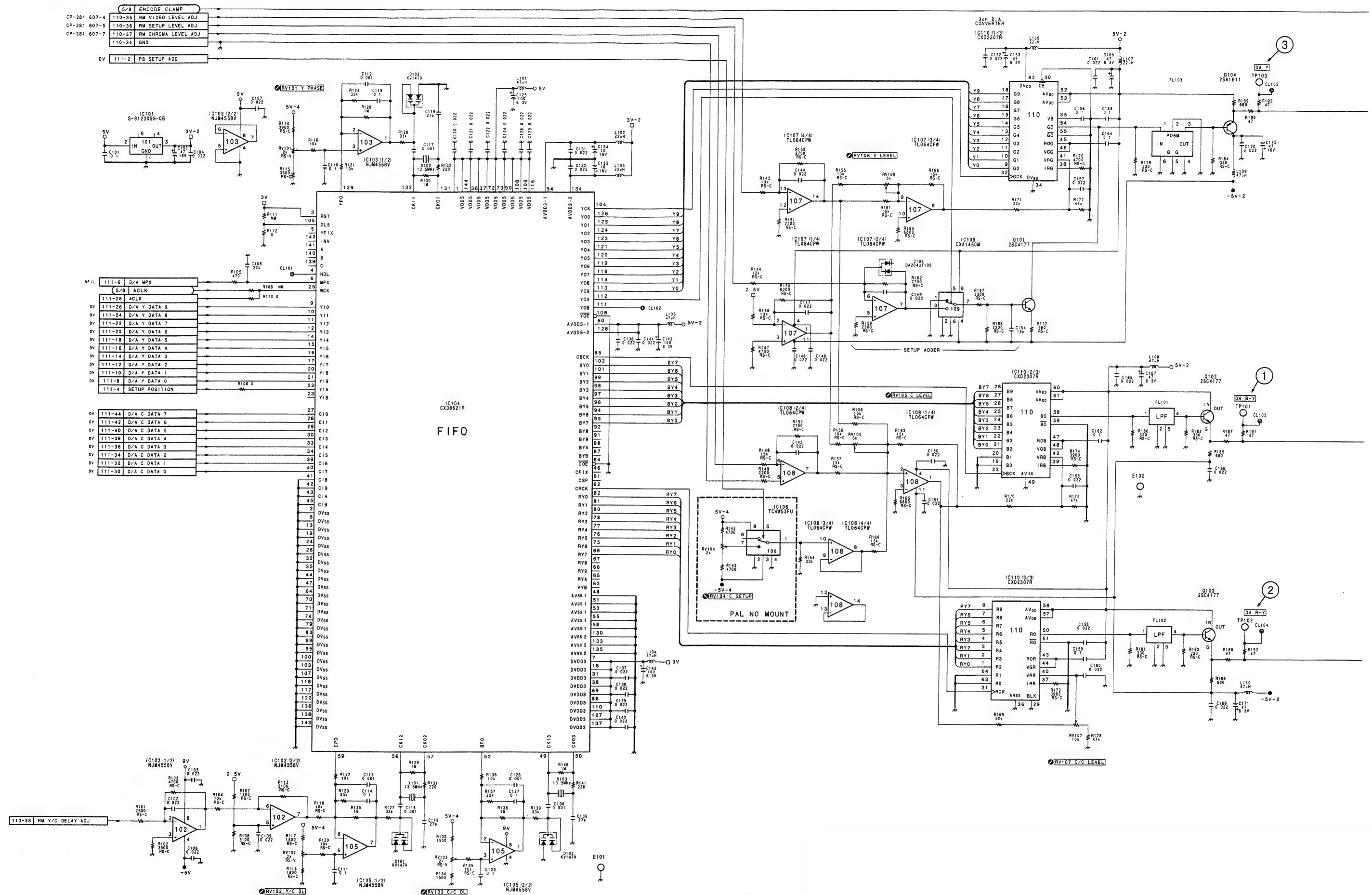
1

2

3

4

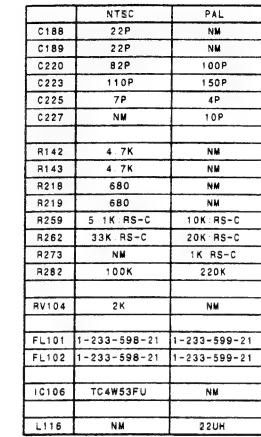
5



13-66 (a)

13-66 (a)

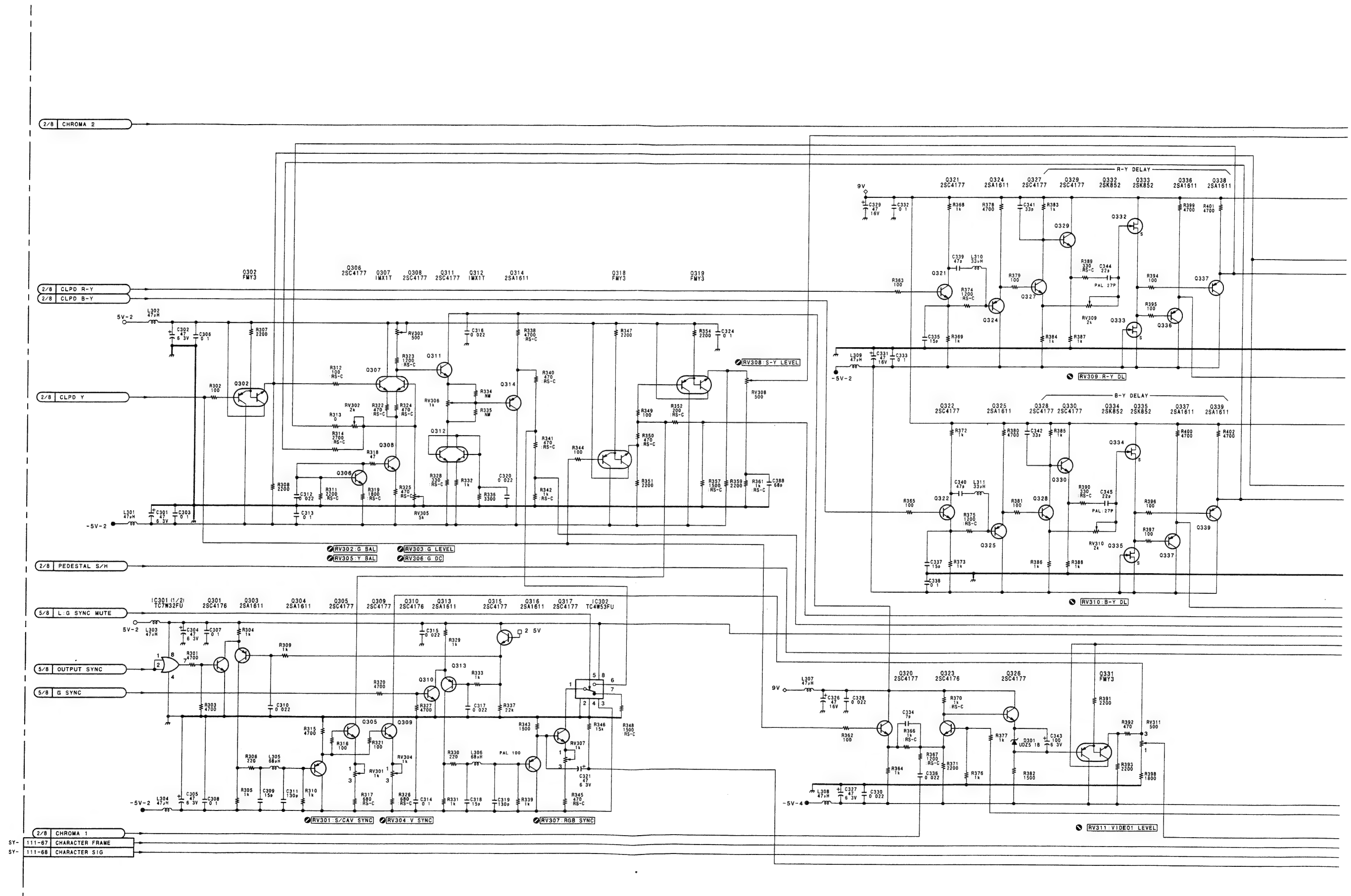
DSR-80/80P/60/60P



BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

IO-149B/149C (3/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)

IO-149/149A (3/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

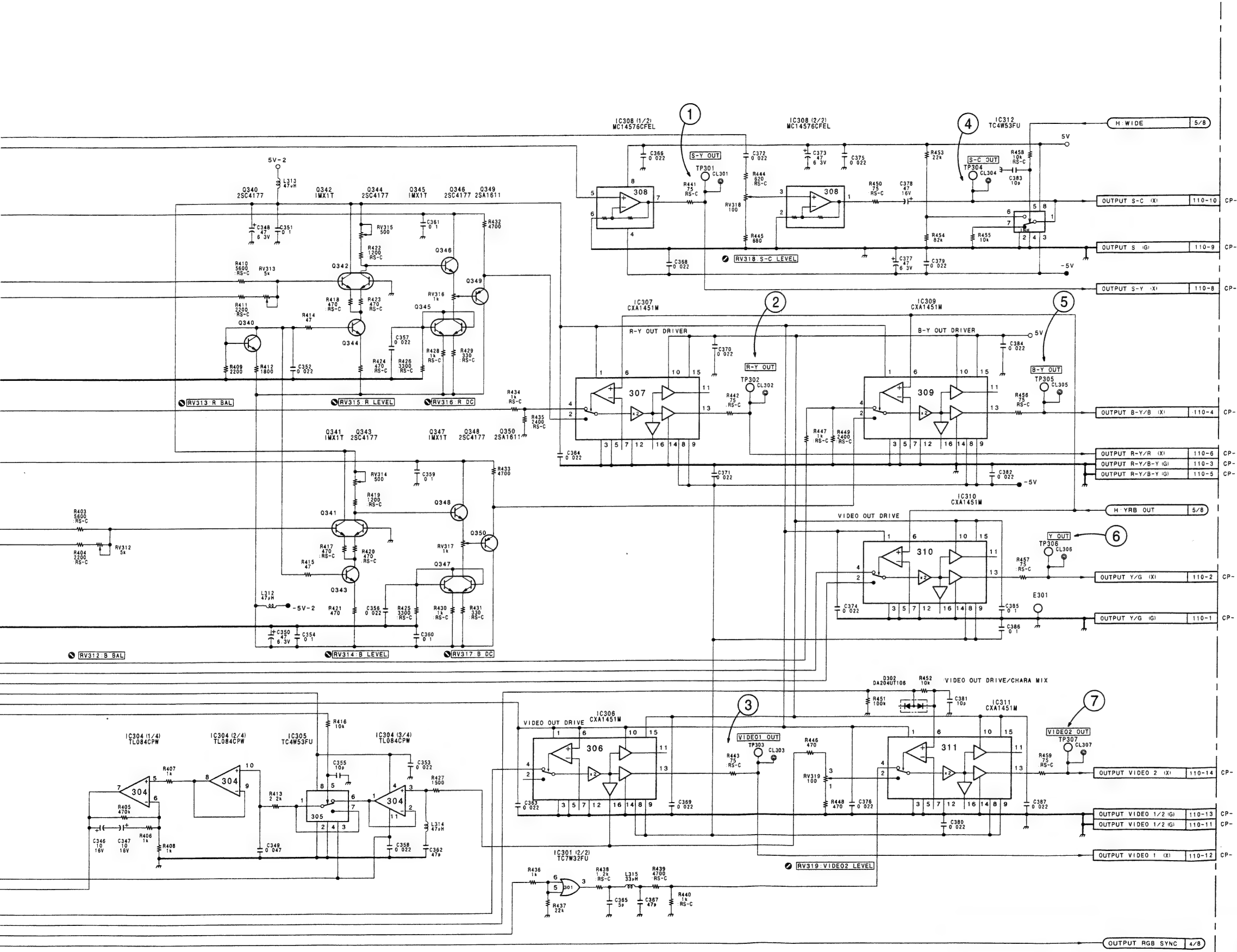


13-68 (a)

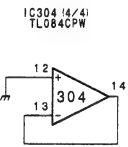
13-68 (a)

DSR-80/80P/60/60P





|      | NTSC      | PAL       |
|------|-----------|-----------|
| C311 | 130P      | 220P      |
| C319 | 130P      | 220P      |
| C334 | 7P        | 5P        |
| C344 | 22P       | 27P       |
| C345 | 22P       | 27P       |
| C362 | 47P       | 27P       |
| R434 | 1K RS-C   | 1.6K RS-C |
| R435 | 2.4K RS-C | 1.8K RS-C |
| R447 | 1K RS-C   | 1.6K RS-C |
| R449 | 2.4K RS-C | 1.8K RS-C |
| L305 | 68UH      | 100UH     |
| L306 | 68UH      | 100UH     |

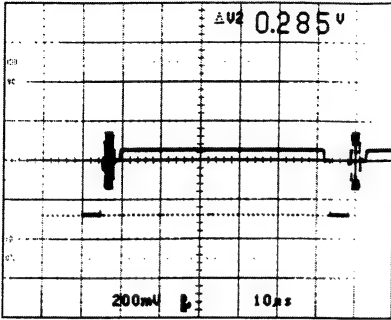


IO-149/149A/149B/149C (3/8)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

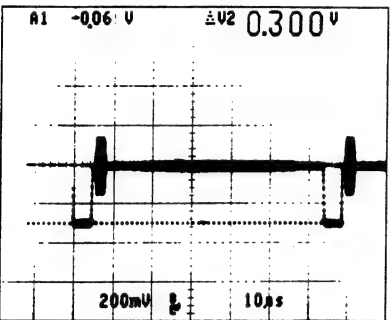
IO-149B/149C: VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

IO-149 (4/8)

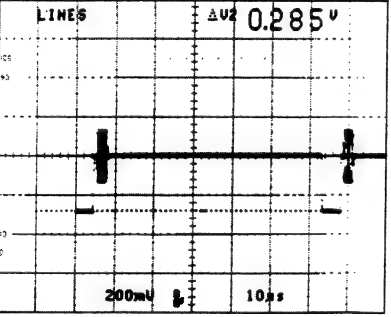
① TP501 MODE: 75% Color Bar/EE • PB (NTSC)



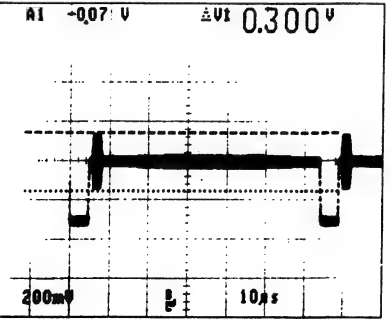
① TP501 MODE: 100% Color Bar/EE • PB (PAL)



② TP502 MODE: 75% Color Bar/EE • PB (NTSC)

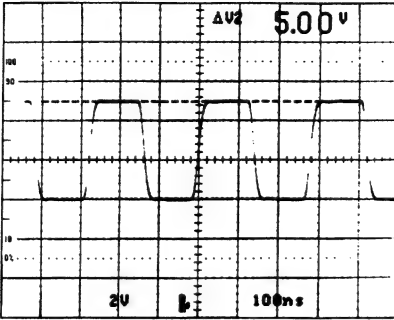


② TP502 MODE: 100% Color Bar/EE • PB (PAL)

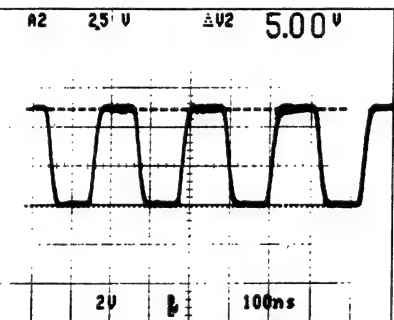


IO-149 (5/8)

① TP601 MODE: 75% Color Bar/EE • PB (NTSC)

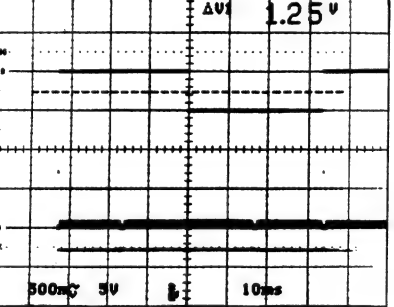


① TP601 MODE: 100% Color Bar/EE • PB (PAL)



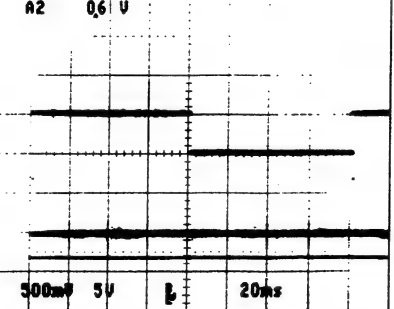
④ TP604 MODE: 75% Color Bar/EE • PB (NTSC)

① TP601 MODE: 75% Color Bar/EE • PB (NTSC)

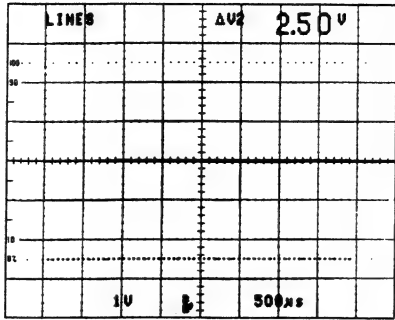


④ TP604 MODE: 100% Color Bar/EE • PB (PAL)

① TP601 MODE: 100% Color Bar/EE • PB (PAL)

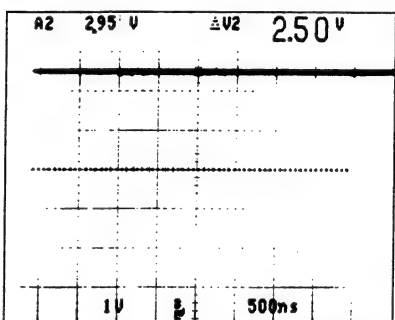


② TP602 MODE: 75% Color Bar/EE • PB (NTSC)



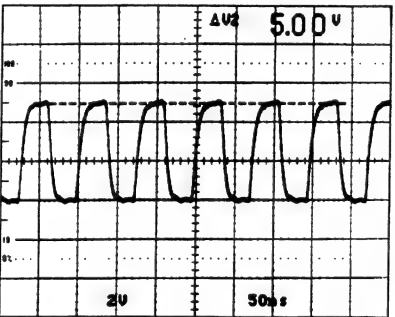
(DC 2.5V Adj)

② TP602 MODE: 100% Color Bar/EE • PB (PAL)

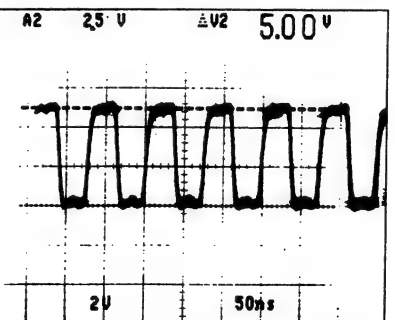


(DC 2.5V Adj)

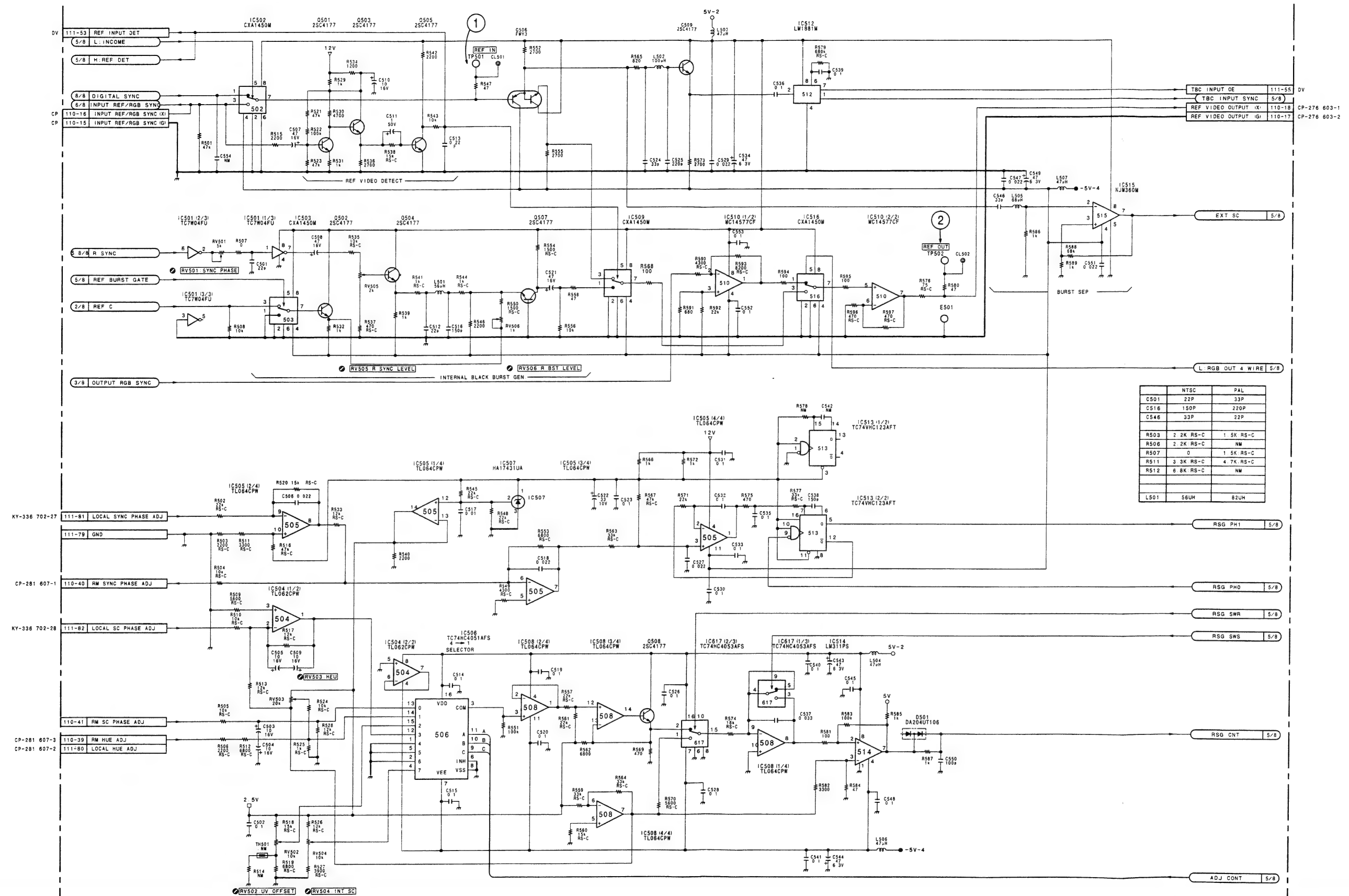
③ TP603 MODE: 75% Color Bar/EE • PB (NTSC)



③ TP603 MODE: 100% Color Bar/EE • PB (PAL)



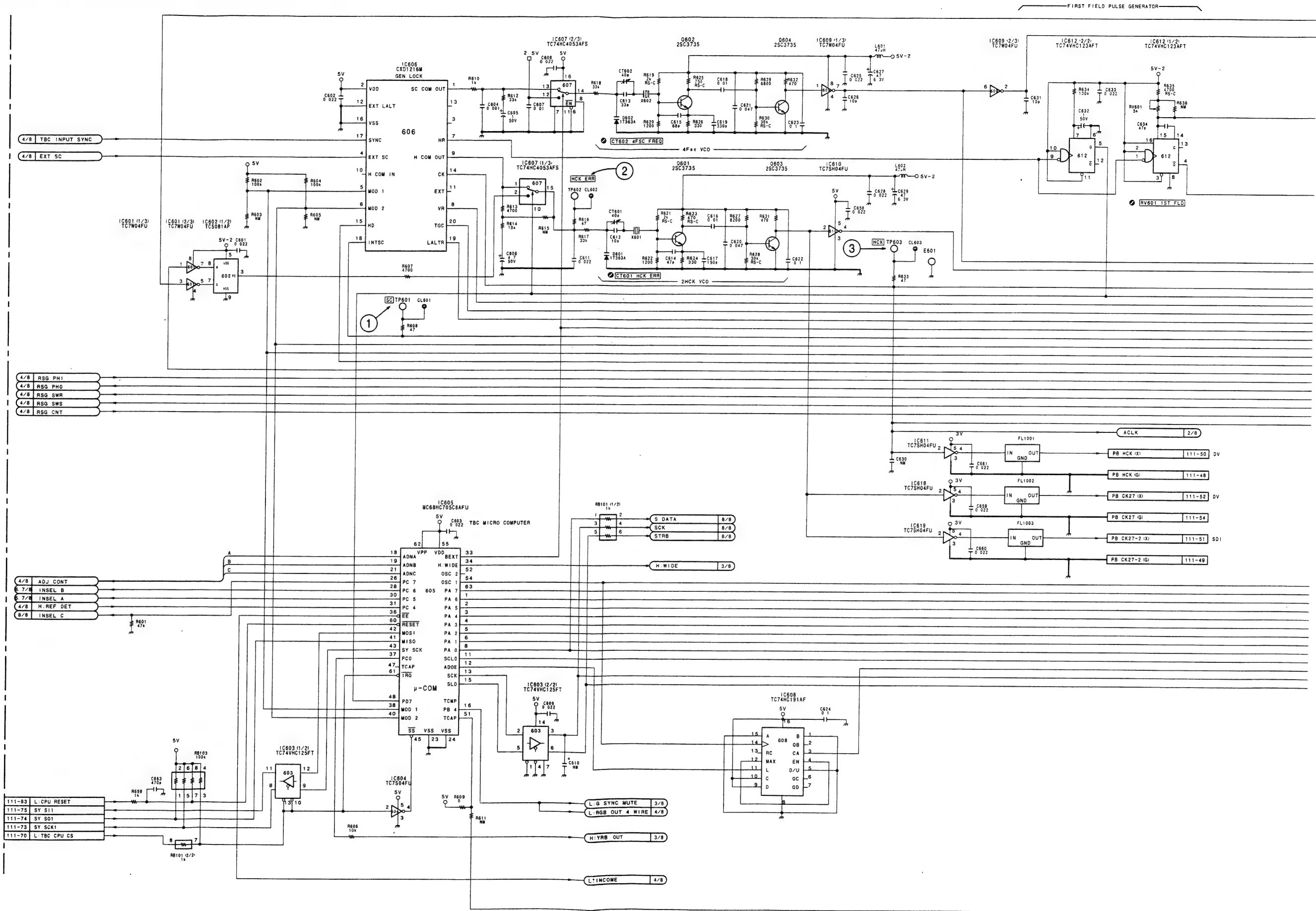
### IO-149/149A (4/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



**IO-149/149A/149B/149C (4/8)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

IO-149B/149C (5/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)

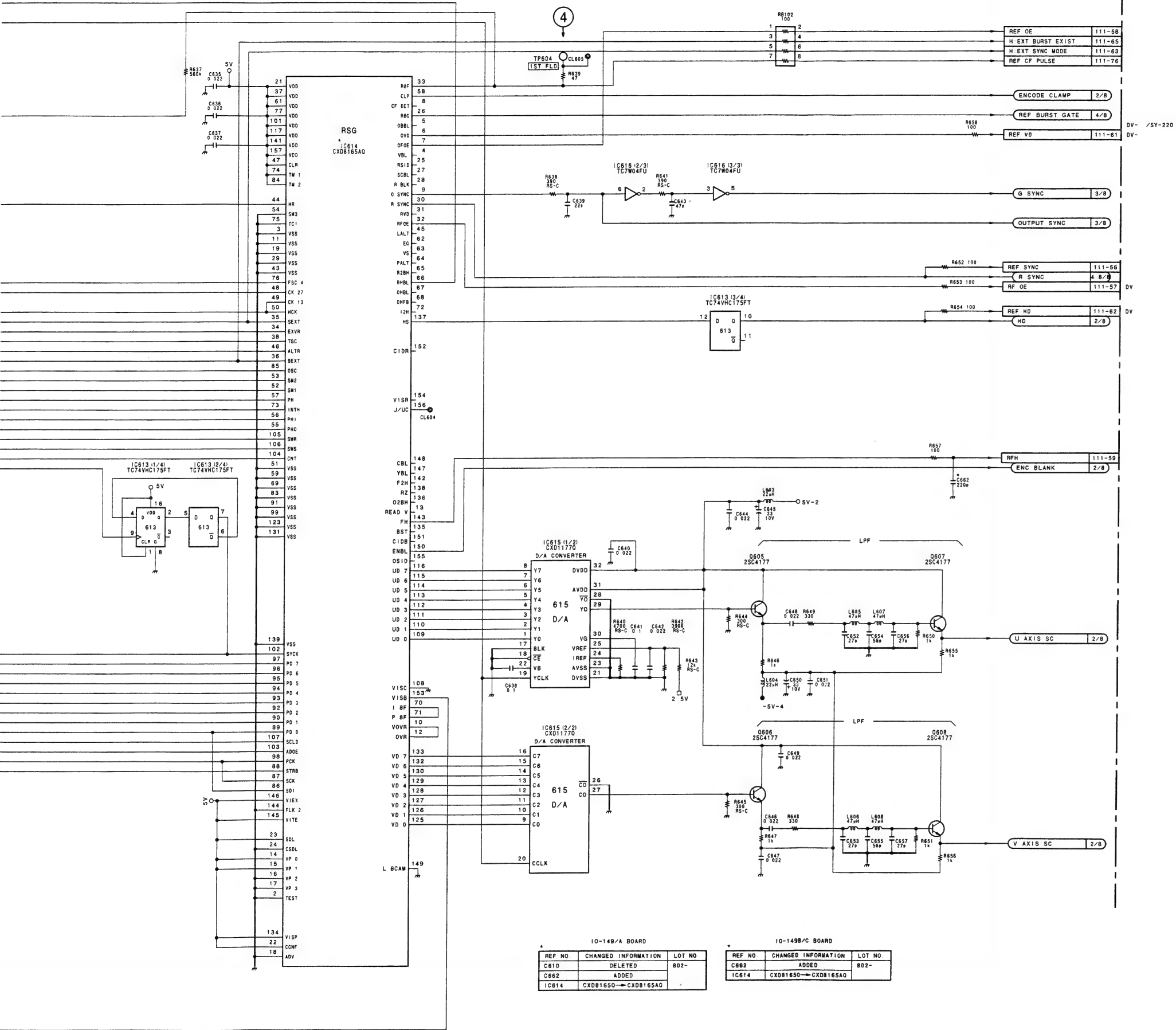
IO-149/149A (5/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



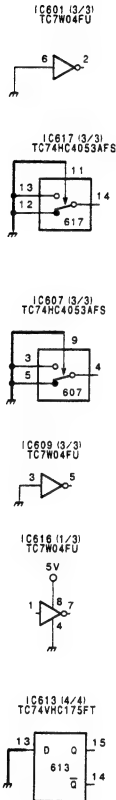
13-72 (a)

13-72 (a)

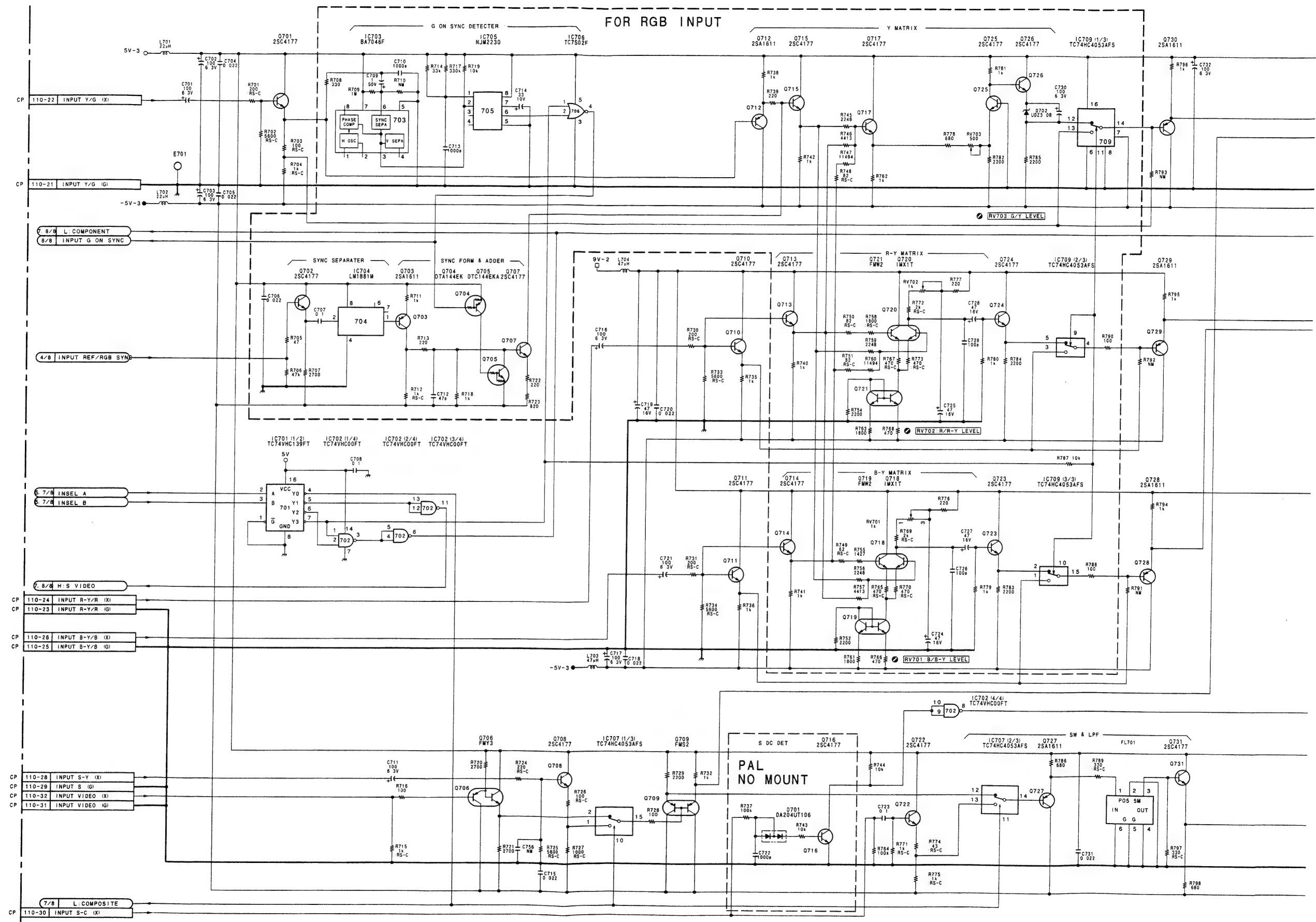




|      | NTSC         | PAL          |
|------|--------------|--------------|
| C611 | 0.022        | 0.1          |
| C613 | 33P          | 27P          |
| C639 | 22P          | 18P          |
| C652 | 27P          | 33P          |
| C653 | 27P          | 33P          |
| C654 | 56P          | 68P          |
| C655 | 56P          | 68P          |
| C656 | 27P          | 33P          |
| C657 | 27P          | 33P          |
| R602 | 100K         | NM           |
| R603 | NM           | 0            |
| R604 | 100K         | NM           |
| R605 | NM           | 0            |
| R613 | 4.7K         | 4.7K         |
| R615 | NM           | 4.7K         |
| R637 | 560K         | 680K RS-C    |
| R638 | 390 RS-C     | 2.2K RS-C    |
| R640 | 4.7K RS-C    | 3.3K RS-C    |
| R641 | 390 RS-C     | 910 RS-C     |
| R644 | 300 RS-C     | 220 RS-C     |
| R645 | 300 RS-C     | 220 RS-C     |
| L605 | 47UH         | 27UH         |
| L606 | 47UH         | 27UH         |
| L607 | 47UH         | 27UH         |
| L608 | 47UH         | 27UH         |
| X602 | 1-527-722-91 | 1-760-457-91 |



IO-149/149A/149B/149C (5/8)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

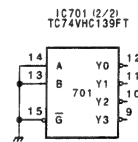


13-74 (a)

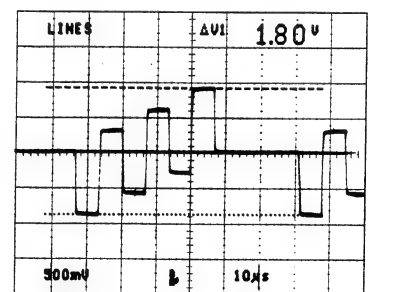
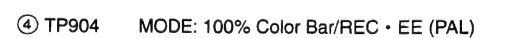
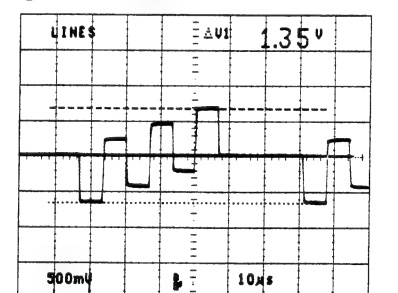
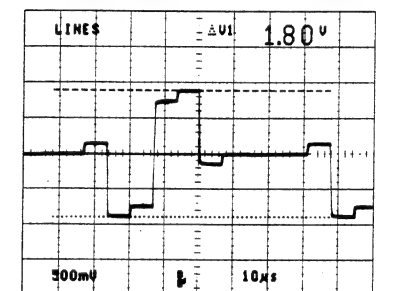
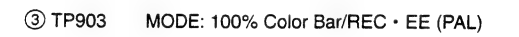
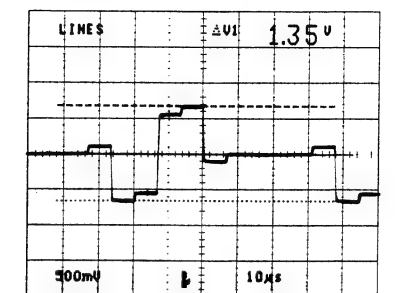
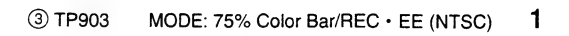
13-74 (b)

DSR-80/80P

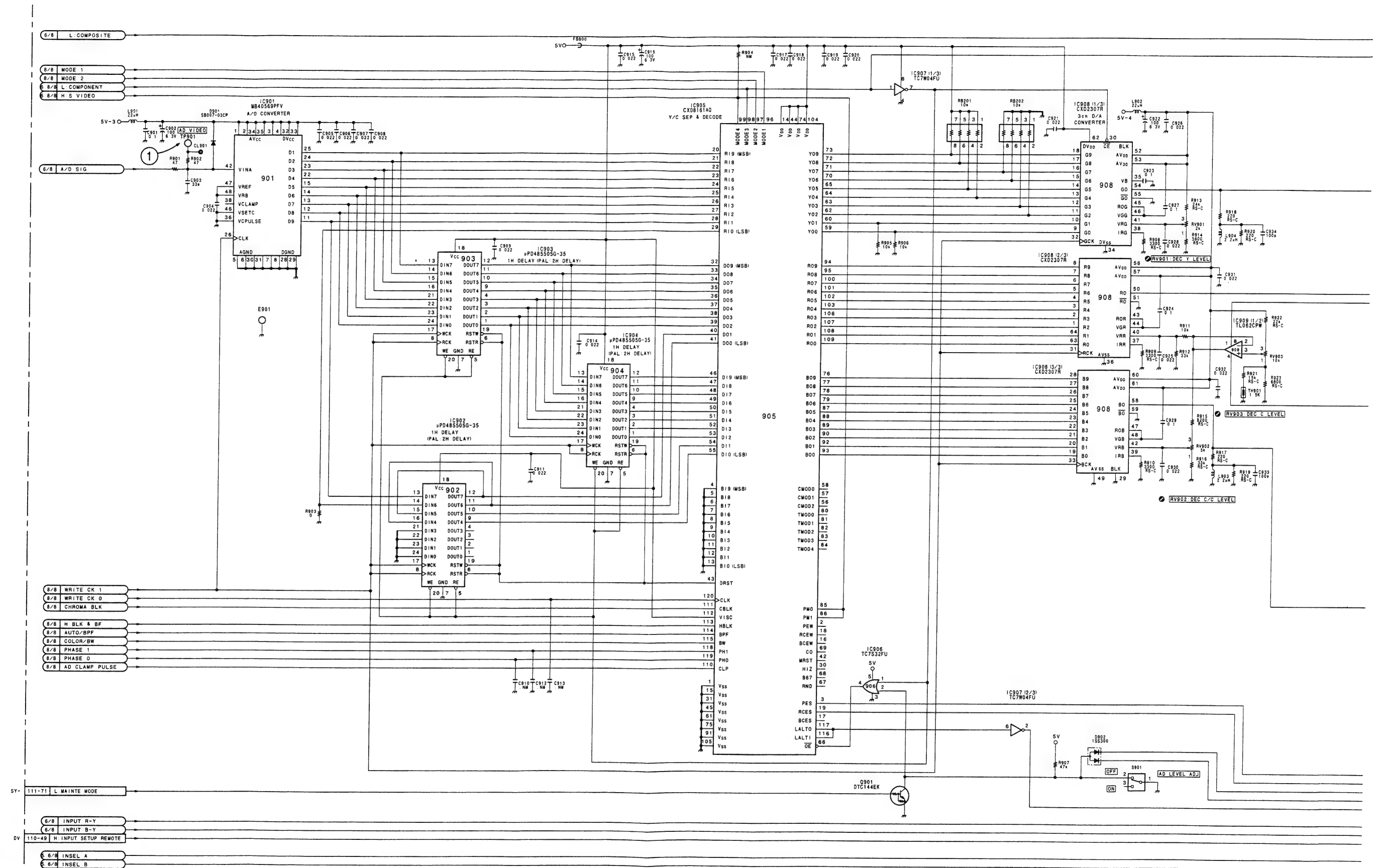
**DSR-80/80P**



|      | NTSC      | PAL       |
|------|-----------|-----------|
| C722 | 0.001     | NM        |
|      |           |           |
| R737 | 100K      | NM        |
| R743 | 10K       | NM        |
|      |           |           |
| R769 | 2K :RS-C  | 560 :RS-C |
| R772 | 2K :RS-C  | 560 :RS-C |
|      |           |           |
| D701 | DA204U106 | NM        |
|      |           |           |
| Q716 | 2SC4177   | NM        |



BOARD SUFFIX: -14  
MODEL DSR-80/80P



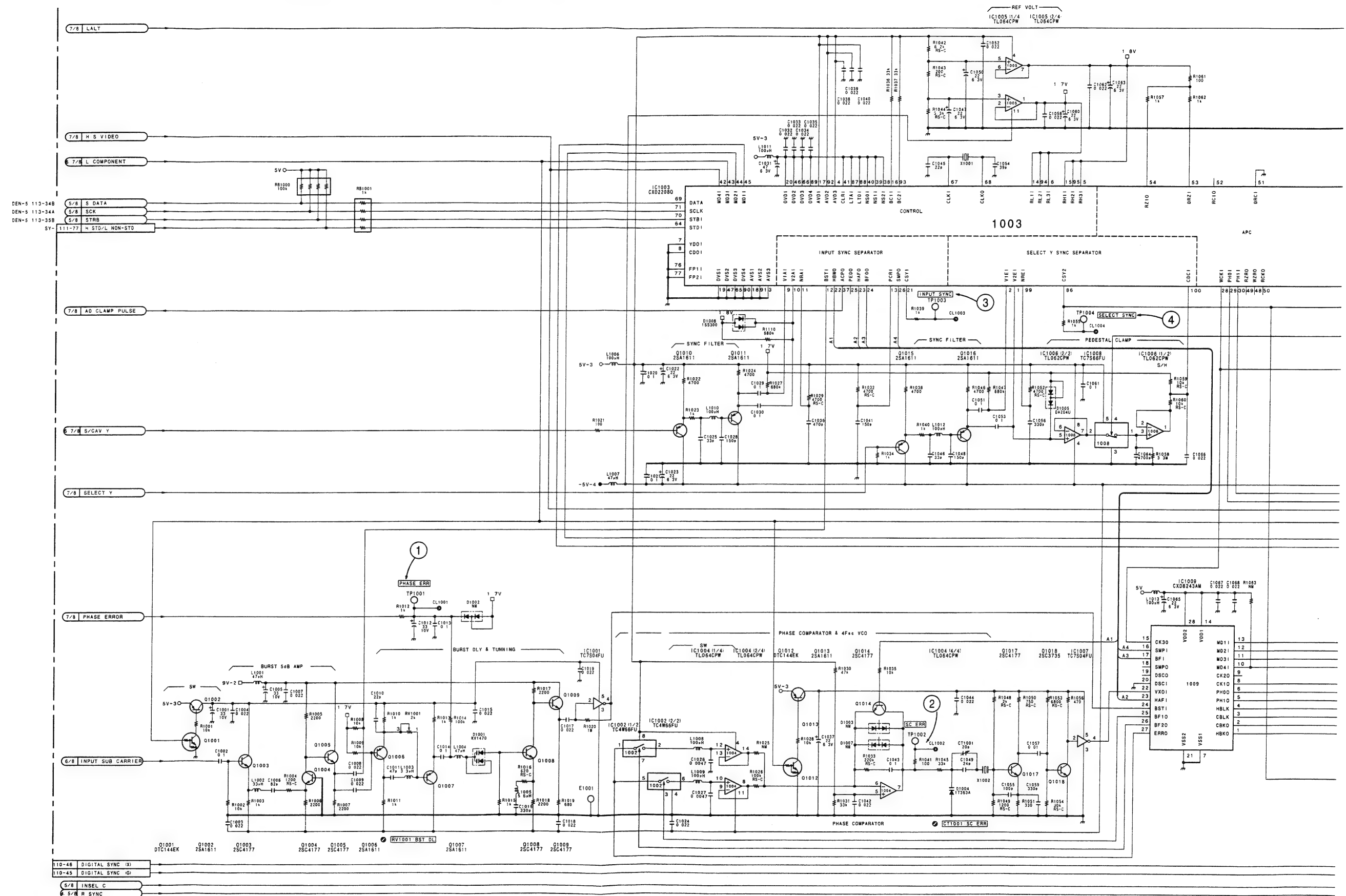
13-76 (a)

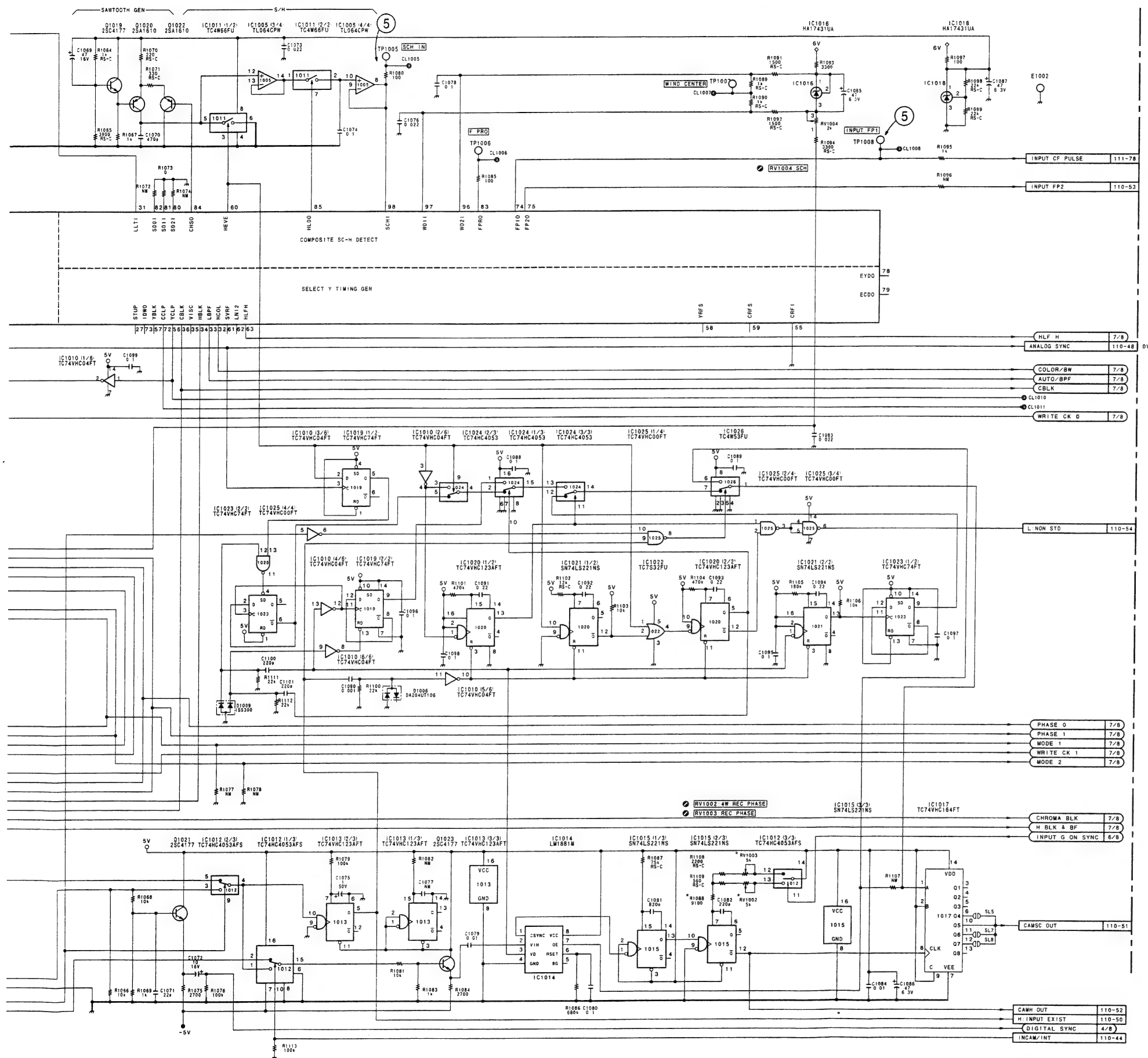
13-76 (a)

DSR-80/80P





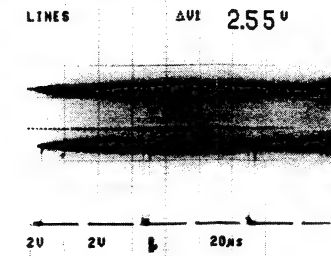


**DSR-80/80P**

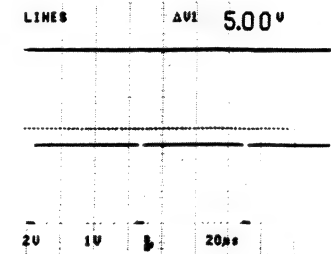
**DSR-80/80P**

IO-149 (8/8)

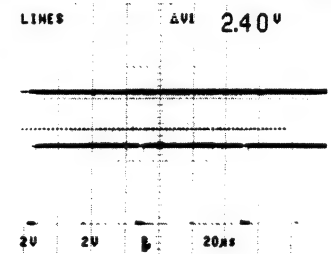
- ① TP1001 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)



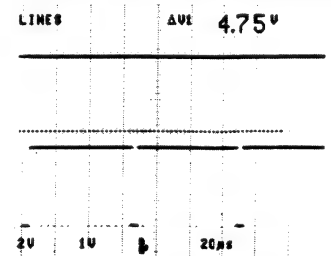
- ① TP1001 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)



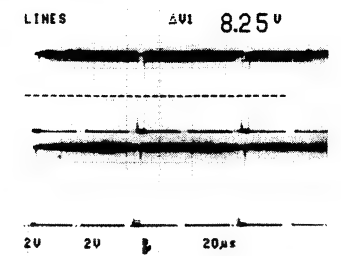
- ② TP1002 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)



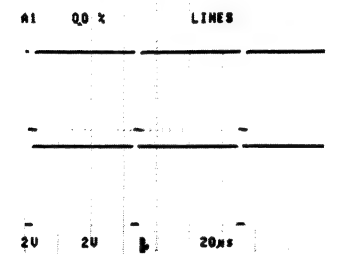
- ② TP1002    MODE: 100% Color Bar/PB (PAL)  
③ TP1003    MODE: 100% Color Bar/PB (PAL)



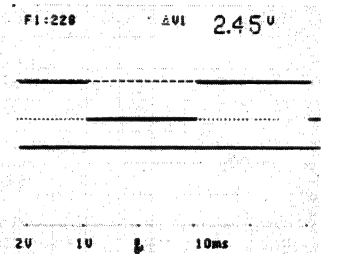
- ④ TP1004 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)



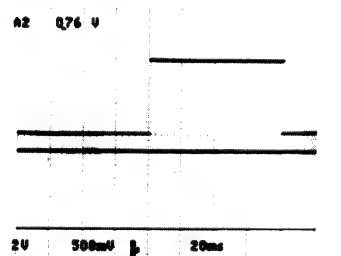
- ④ TP1004 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)



- ⑤ TP1005,1008 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)

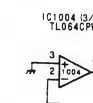


- ⑤ TP1005,1008 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)



|       |              |              |
|-------|--------------|--------------|
|       | NTSC         | PAL          |
| C1011 | 47P          | 22P          |
| C1016 | 330P         | 22P          |
| C1070 | 470P         | 390P         |
| R1025 | NW           | 330K RS-C    |
| R1026 | 100K RS-C    | 330K RS-C    |
| R1072 | NW           | 0            |
| R1077 | NW           | 0            |
| R1078 | NW           | 0            |
| R1091 | 1.5K RS-C    | 1.2K RS-C    |
| R1092 | 1.5K RS-C    | 1.2K RS-C    |
| X1001 | 1-760-109-21 | 1-760-183-21 |
| X1002 | 1-527-722-91 | 1-760-457-91 |
| D1002 | NW           | D0204U7106   |
| D1003 | NW           | D0204U7106   |
| D1007 | NW           | D0204U7106   |
| L1004 | 47UH         | 33UH         |

| REF NO      | CHANGED INFORMATION | LOT NO |
|-------------|---------------------|--------|
| R1088       | 11k→9.1k            | 802-   |
| RV1002 1003 | 2k→5k               |        |

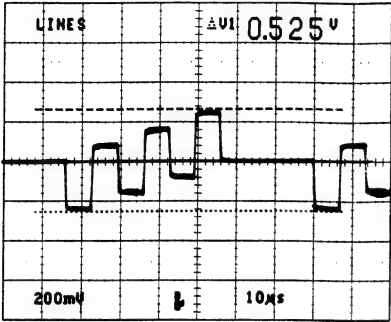


**IO-149/149A (8/8)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P

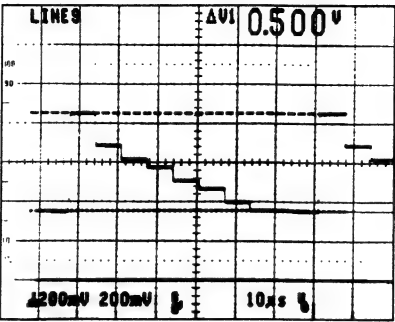
IO-149B/149C: VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

IO-149 (2/8)

① TP101 MODE: 75% Color Bar/EE • PB (NTSC)

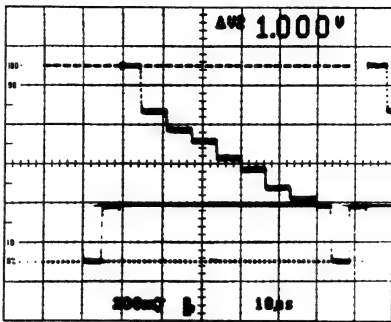


③ TP103 MODE: 75% Color Bar/EE • PB (NTSC)

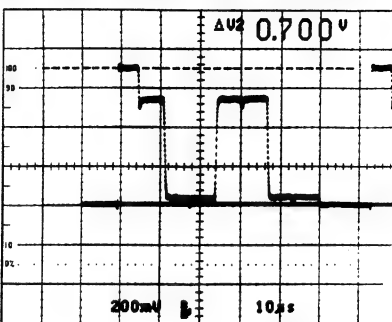


IO-149 (3/8)

① TP301 MODE: 75% Color Bar/EE • PB (NTSC)

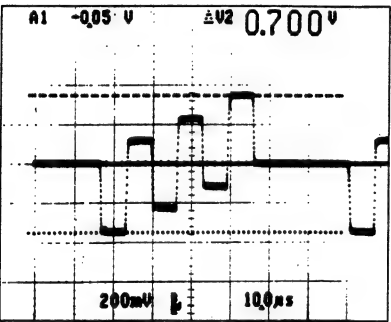


② TP302 MODE: 75% Color Bar/EE • PB (NTSC)

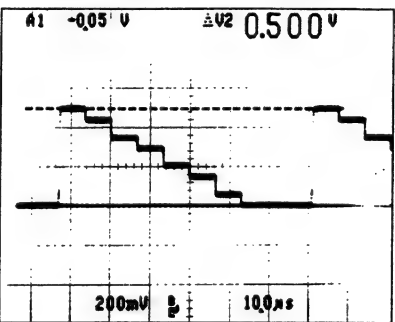


RGB (3 wire)

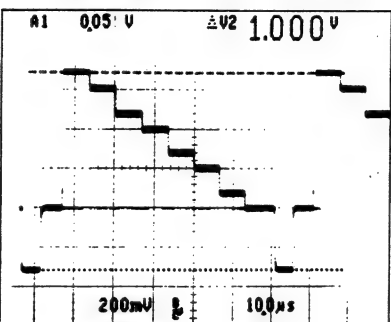
① TP101 MODE: 100% Color Bar/EE • PB (PAL)



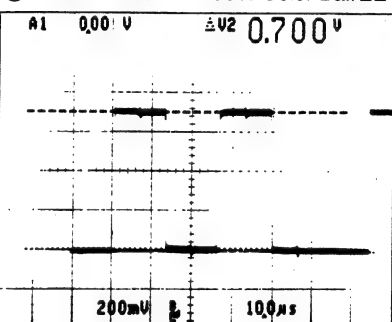
③ TP103 MODE: 100% Color Bar/EE • PB (PAL)



① TP301 MODE: 100% Color Bar/EE • PB (PAL)

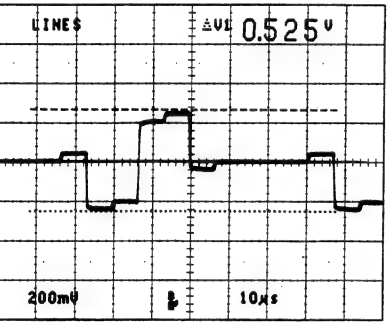


② TP302 MODE: 100% Color Bar/EE • PB (PAL)

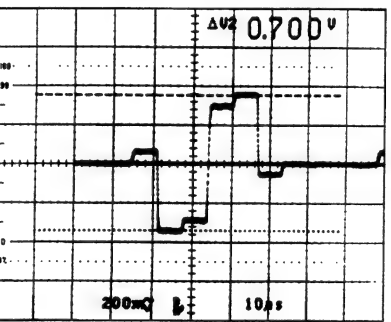


RGB (3 wire)

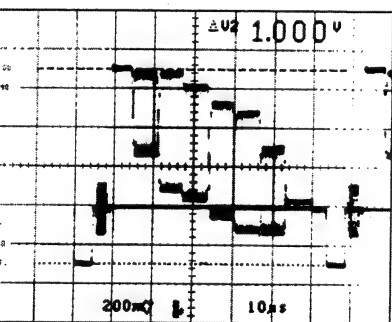
② TP102 MODE: 75% Color Bar/EE • PB (NTSC)



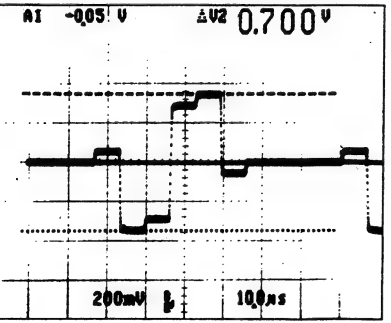
② TP302 MODE: 75% Color Bar/EE • PB (NTSC)



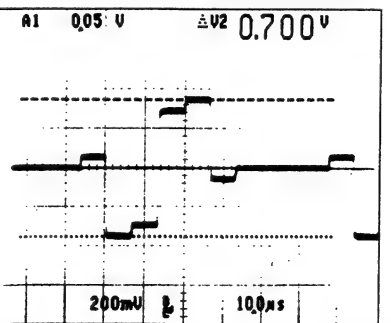
③ TP303 MODE: 75% Color Bar/EE • PB (NTSC)



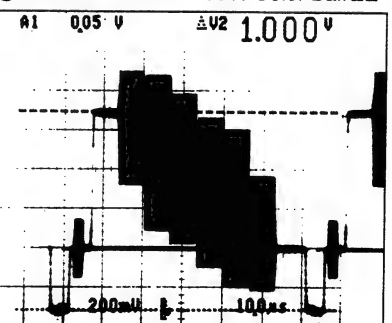
② TP102 MODE: 100% Color Bar/EE • PB (PAL)



② TP302 MODE: 100% Color Bar/EE • PB (PAL)

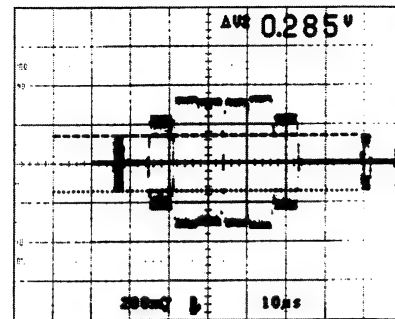


③ TP303 MODE: 100% Color Bar/EE • PB (PAL)

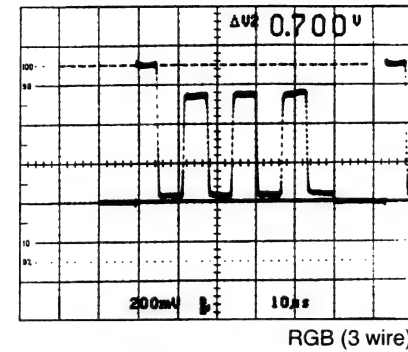




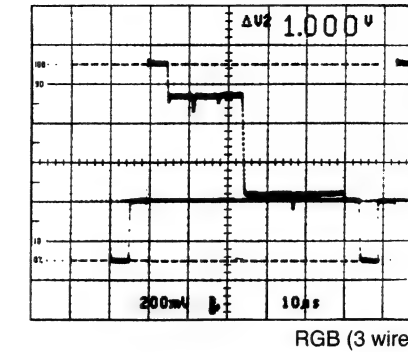
④ TP304 MODE: 75% Color Bar/EE • PB (NTSC)



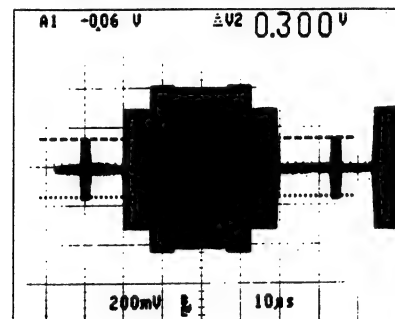
⑤ TP305 MODE: 75% Color Bar/EE • PB (NTSC)



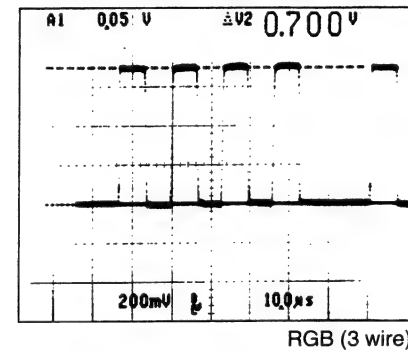
⑥ TP306 MODE: 75% Color Bar/EE • PB (NTSC)



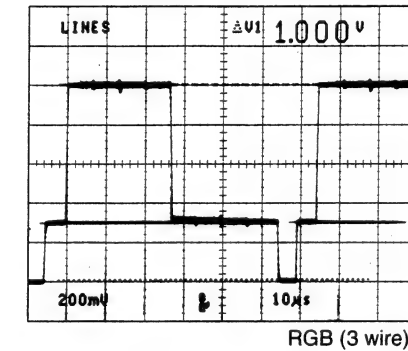
④ TP304 MODE: 100% Color Bar/EE • PB (PAL)



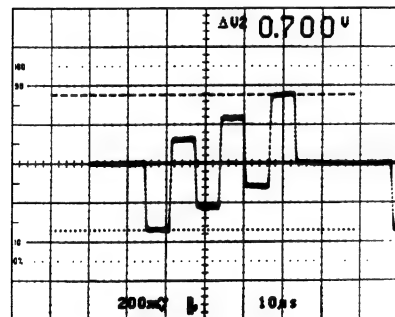
⑤ TP305 MODE: 100% Color Bar/EE • PB (PAL)



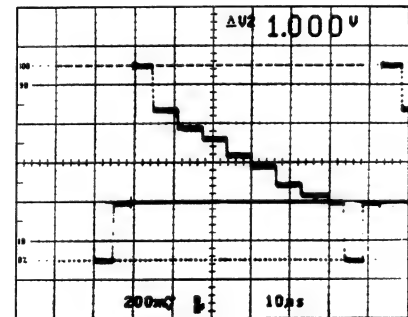
⑥ TP306 MODE: 100% Color Bar/EE • PB (PAL)



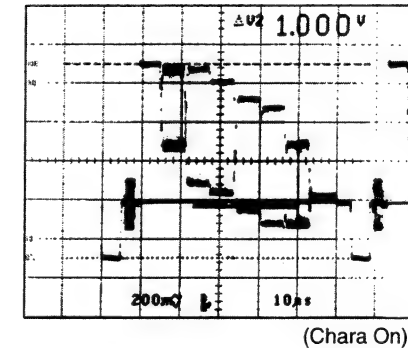
⑤ TP305 MODE: 75% Color Bar/EE • PB (NTSC)



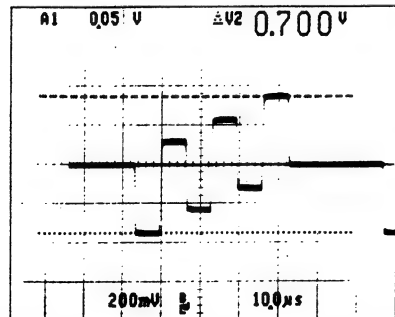
⑥ TP306 MODE: 75% Color Bar/EE • PB (NTSC)



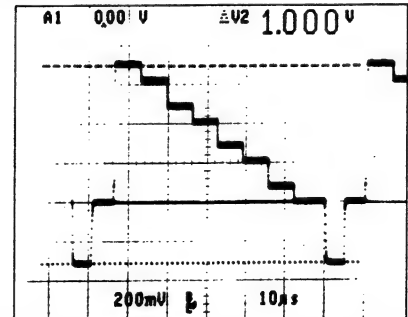
⑦ TP307 MODE: 75% Color Bar/EE • PB (NTSC)



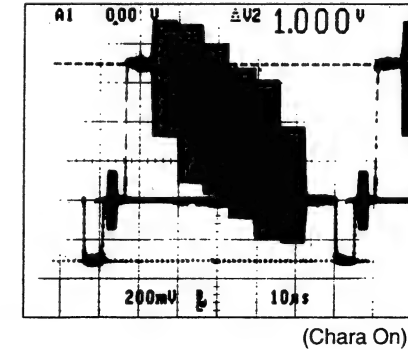
⑤ TP305 MODE: 100% Color Bar/EE • PB (PAL)



⑥ TP306 MODE: 100% Color Bar/EE • PB (PAL)

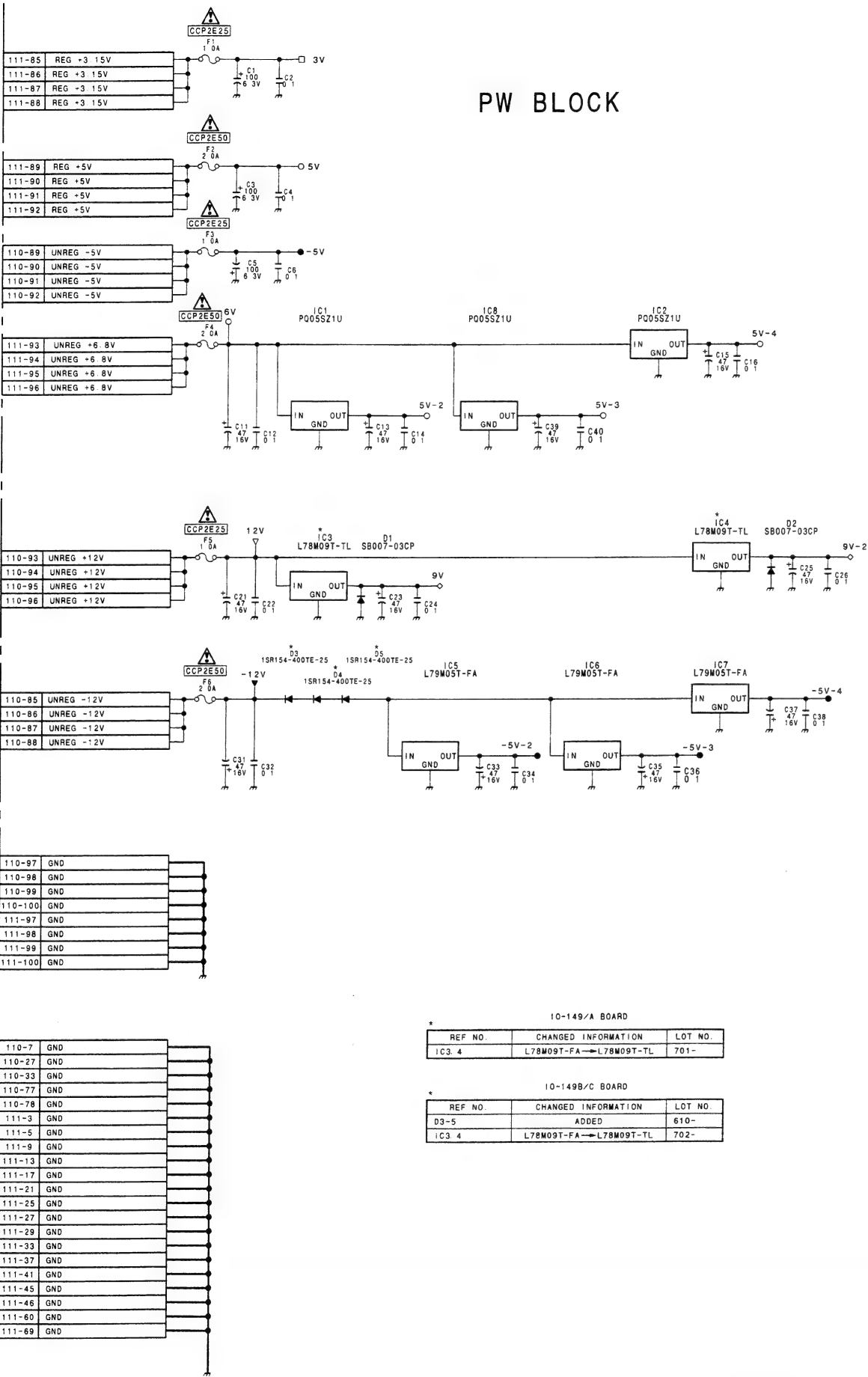


⑦ TP307 MODE: 100% Color Bar/EE • PB (PAL)



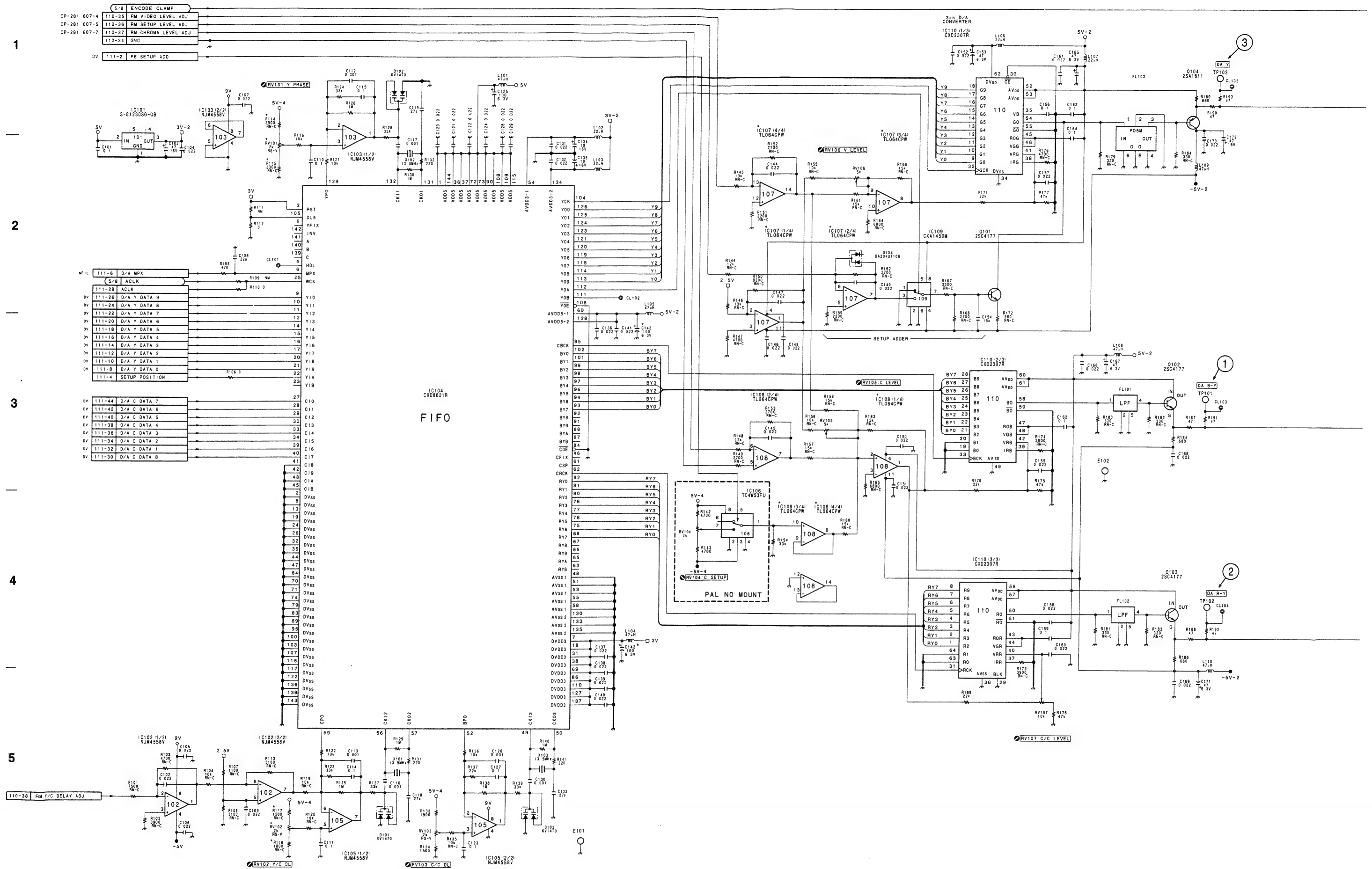


IO-149B/149C (1/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A (1/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



IO-149/149A/149B/149C (1/8)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P/60/60P

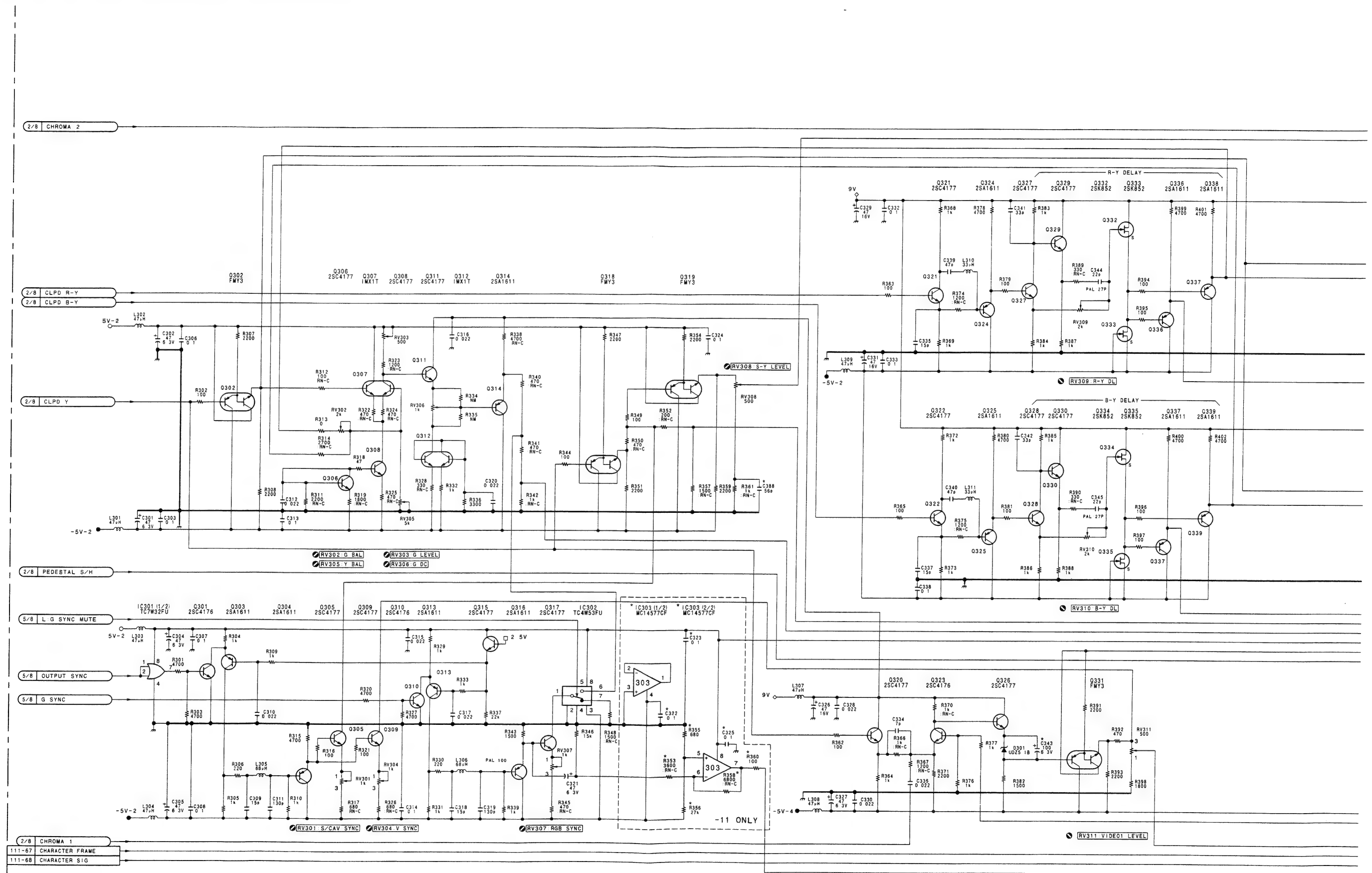
## IO-149/149A (2/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

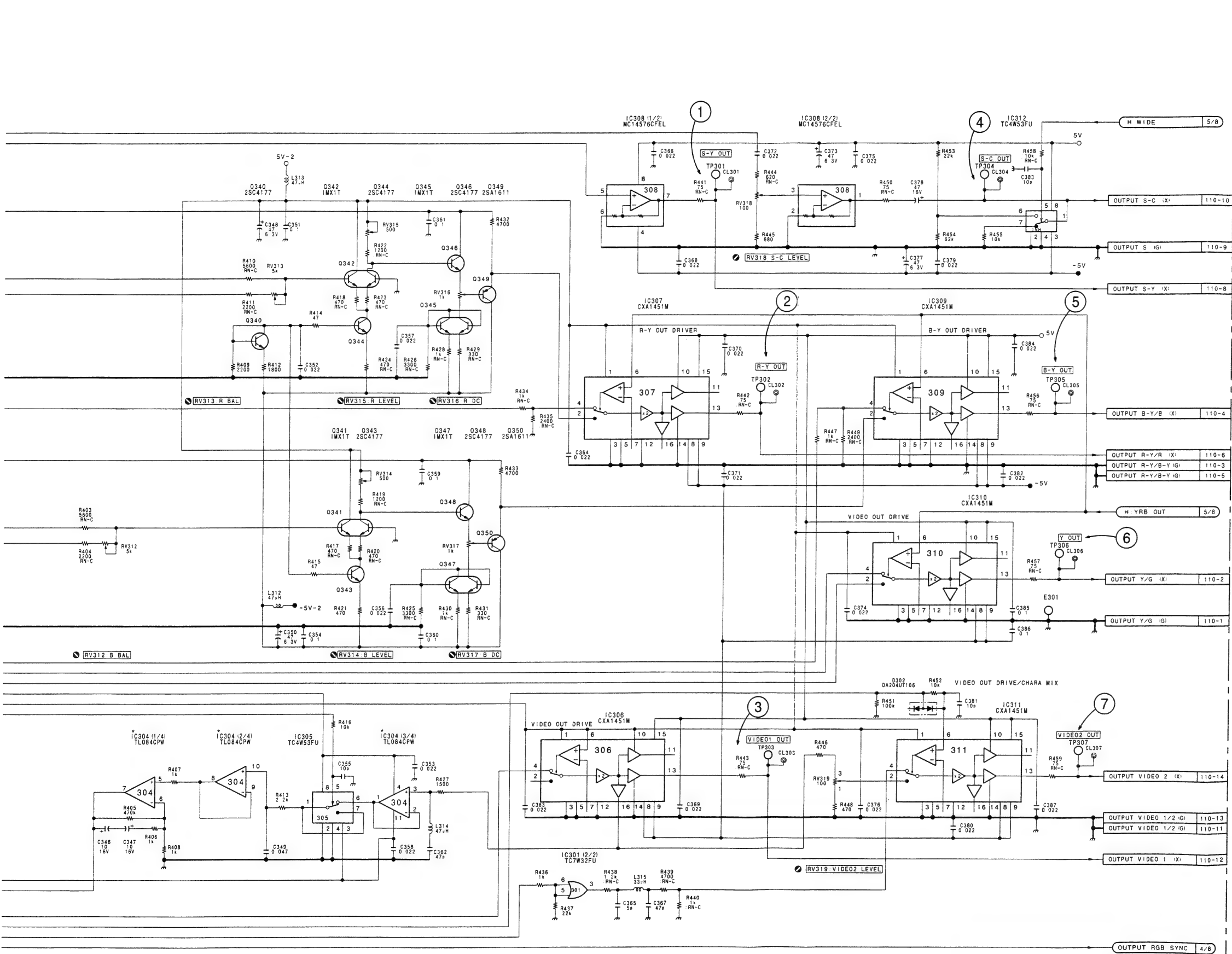






IO-149B/149C (3/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
 IO-149/149A (3/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

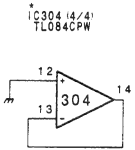




| IO-149/A BOARD |                      |         |
|----------------|----------------------|---------|
| REF NO         | CHANGED INFORMATION  | LOT NO  |
| C322, 323, 325 | DELETED              | 701-    |
| C388           | 68p → 56p            | 701-708 |
| IC303          | TL082CPW → MC14577CF | 701-    |
| R358           | 8.2k → 6.8k          |         |

| IO-149B/C BOARD |                      |         |
|-----------------|----------------------|---------|
| REF NO          | CHANGED INFORMATION  | LOT NO  |
| C322, 323, 325  | DELETED              | 702-    |
| C343            | 100 → 100 6.3V       | 610-    |
| C388            | 68p → 56p            | 704-708 |
| IC303           | TL082CPW → MC14577CF | 610-    |
| IC304           | TL084CPW → TL084CPW  | 612-    |
| R353            | DELETED              | 701-    |
| R355, 356       | DELETED              | 702-    |
| R358            | 8.2k → 6.8k          | 610-701 |
| R358, 360       | DELETED              | 702-    |

|      | NTSC      | PAL       |
|------|-----------|-----------|
| C311 | 130P      | 220P      |
| C319 | 130P      | 220P      |
| C334 | 7P        | 5P        |
| C344 | 22P       | 27P       |
| C345 | 22P       | 27P       |
| C362 | 47P       | 27P       |
| R434 | 1K RN-C   | 1.6K RN-C |
| R435 | 2.4K RN-C | 1.8K RN-C |
| R447 | 1K RN-C   | 1.6K RN-C |
| R449 | 2.4K RN-C | 1.8K RN-C |
| L305 | 68UH      | 100UH     |
| L306 | 68UH      | 100UH     |

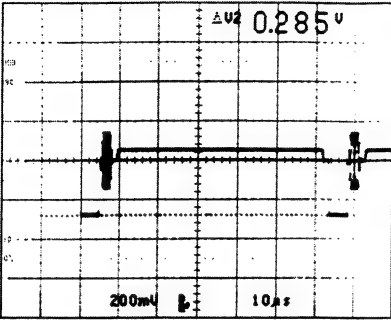


IO-149/149A/149B/149C (3/8)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P/60/60P

IO-149B/149C: VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A: VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)

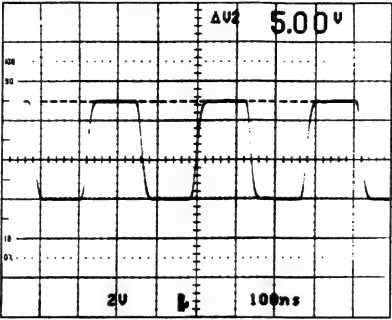
IO-149 (4/8)

① TP501 MODE: 75% Color Bar/EE • PB (NTSC)

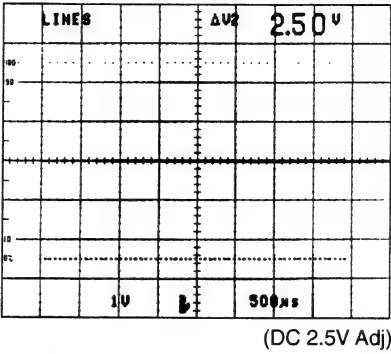


IO-149 (5/8)

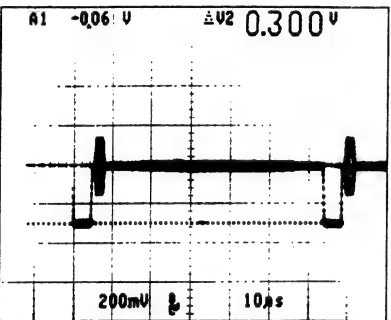
① TP601 MODE: 75% Color Bar/EE • PB (NTSC)



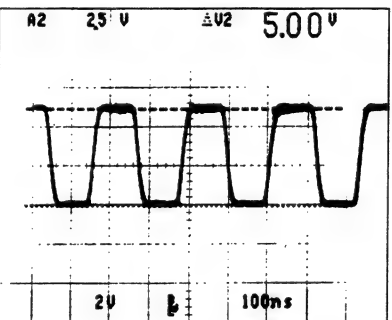
② TP602 MODE: 75% Color Bar/EE • PB (NTSC)



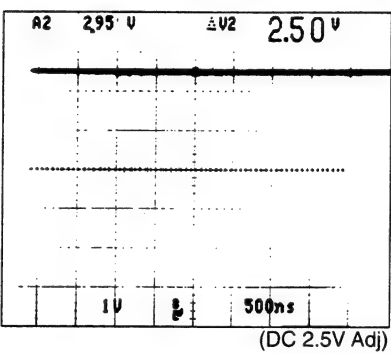
① TP501 MODE: 100% Color Bar/EE • PB (PAL)



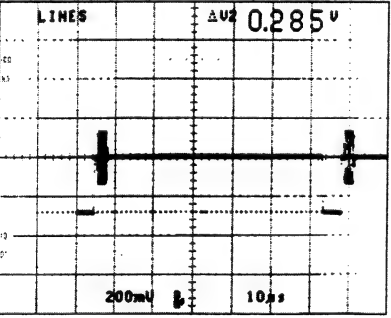
① TP601 MODE: 100% Color Bar/EE • PB (PAL)



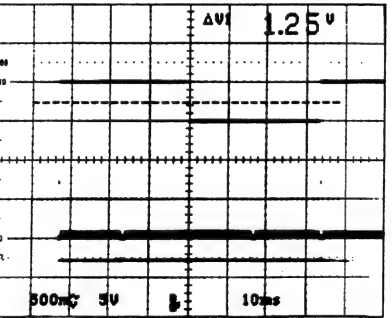
② TP602 MODE: 100% Color Bar/EE • PB (PAL)



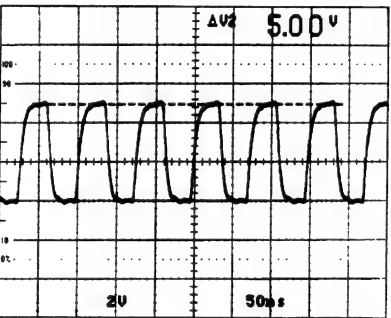
② TP502 MODE: 75% Color Bar/EE • PB (NTSC)



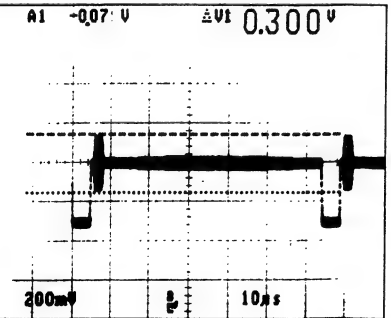
④ TP604 MODE: 75% Color Bar/EE • PB (NTSC)  
① TP601 MODE: 75% Color Bar/EE • PB (NTSC)



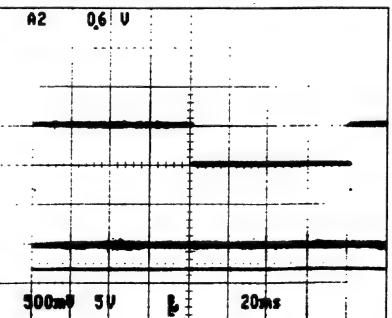
③ TP603 MODE: 75% Color Bar/EE • PB (NTSC)



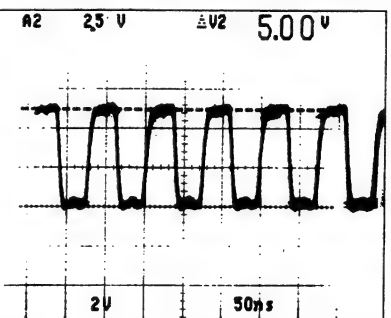
② TP502 MODE: 100% Color Bar/EE • PB (PAL)



④ TP604 MODE: 100% Color Bar/EE • PB (PAL)  
① TP601 MODE: 100% Color Bar/EE • PB (PAL)

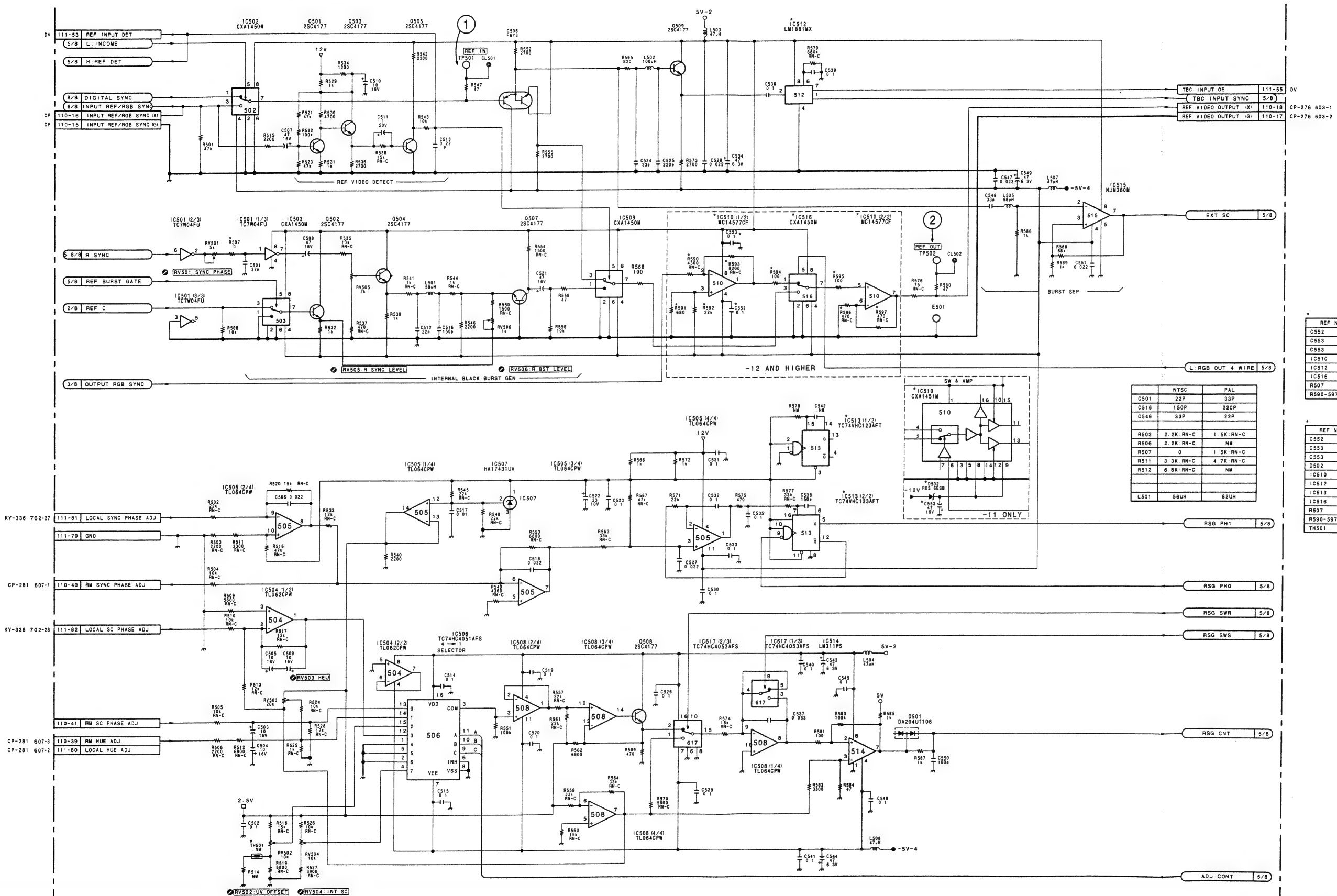


③ TP603 MODE: 100% Color Bar/EE • PB (PAL)





IO-149B/149C (4/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)  
IO-149/149A (4/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)



IO-149/A BOARD

| REF NO   | CHANGED INFORMATION    | LOT NO |
|----------|------------------------|--------|
| C552     | ADDED                  | 701-   |
| C553     | ADDED                  | 701-   |
| C553     | 47 → 0.1               | 701-   |
| IC510    | CXA1451M → MC14577CFEL |        |
| IC512    | LM1881M → LM1881MX     |        |
| IC516    | ADDED                  |        |
| R507     | 2.7k → 0               |        |
| R590-597 | ADDED                  |        |

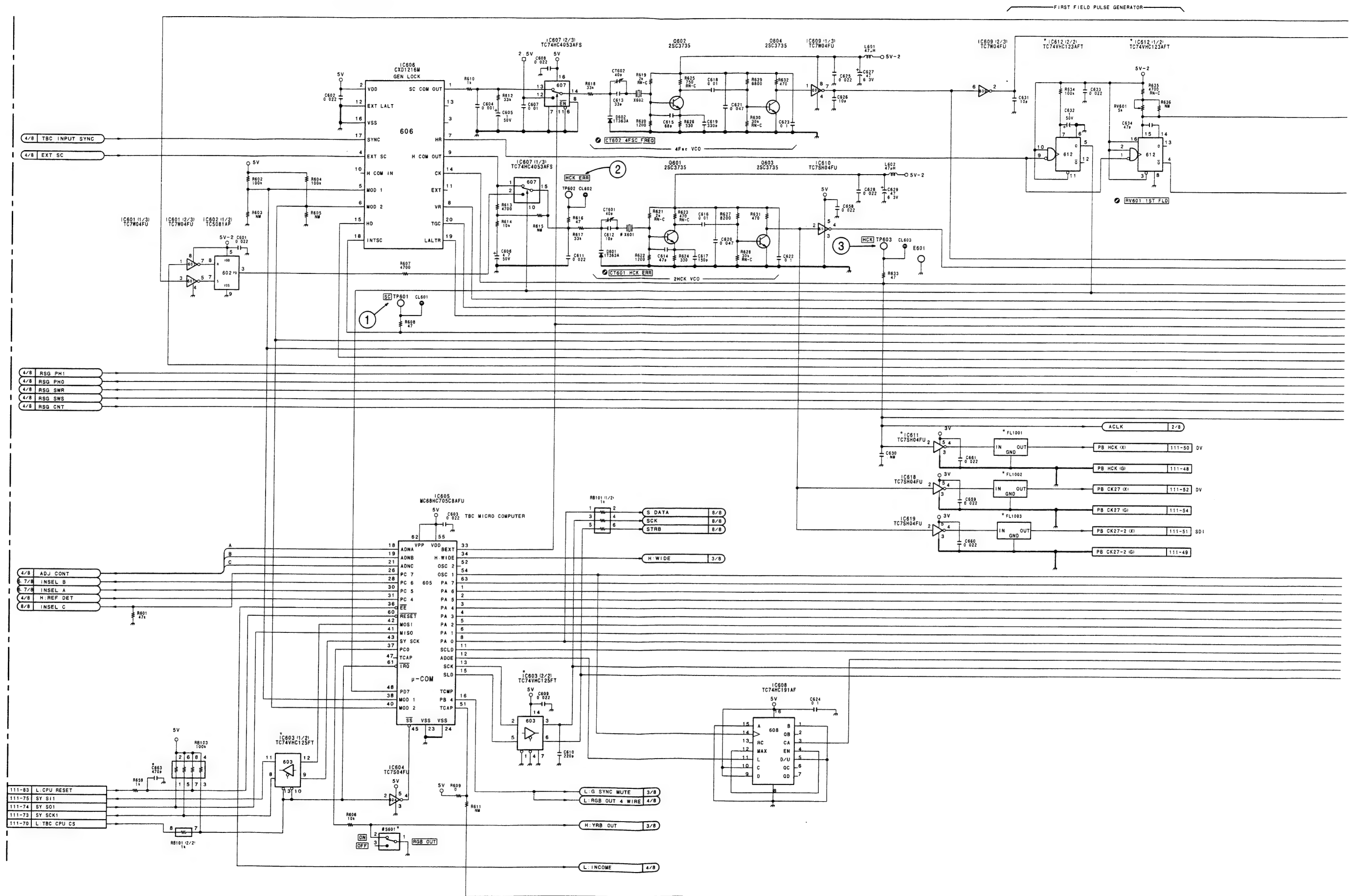
IO-149B/C BOARD

| REF NO        | CHANGED INFORMATION           | LOT NO  |
|---------------|-------------------------------|---------|
| C552          | ADDED                         | 702-    |
| C553          | ADDED                         | 610-701 |
| C553          | 47 → 0.1                      | 702-    |
| D502          | ADDED                         | 610-    |
| IC510         | CXA1451M → MC14577CFEL        | 702-    |
| IC512         | LM1881M → LM1881MX            | 610-    |
| IC513         | TC74VHC123AFS → TC74VHC123AFT | 802-    |
| IC516         | ADDED                         | 702-    |
| R507          | 2.7k → 0                      | 610-    |
| R590-597, 602 | ADDED                         | 702-    |
| TH501         | DELETED                       | 610-    |

IO-149/149A/149B/149C (4/8)  
BOARD SUFFIX: -13  
MODEL DSR-80/80P/60/60P

### IO-149B/149C (5/8): VIDEO ANALOG OUT PROCESS (DSR-60/60P)

## IO-149/149A (5/8): VIDEO ANALOG IN/OUT PROCESS (DSR-80/80P)





| 10-149B/C BGARD |             |                               |        |
|-----------------|-------------|-------------------------------|--------|
| #               | REF NO      | CHANGED INFORMATION           | LOT N° |
|                 | C639        | ADDED                         | 610-   |
|                 | C683        | ADDED                         |        |
|                 | FL1001-1003 | ADDED                         |        |
|                 | IC603       | TC74VHC125FS → TC74VHC125FS   | 802-   |
|                 | IC611       | TC7S04FU → TC7SH04FU          | 810-   |
|                 | IC612       | TC74VHC123AFS → TC74VHC123AFT | 802-   |
|                 | IC613       | TC74VHC175AFS → TC74VHC175FT  |        |
|                 | R638        | 0 → 390                       | 610-   |
|                 | R641        | 1 5k → 390                    |        |
|                 | R659        | ADDED                         |        |
|                 | S601        | DELETED                       | 702-   |

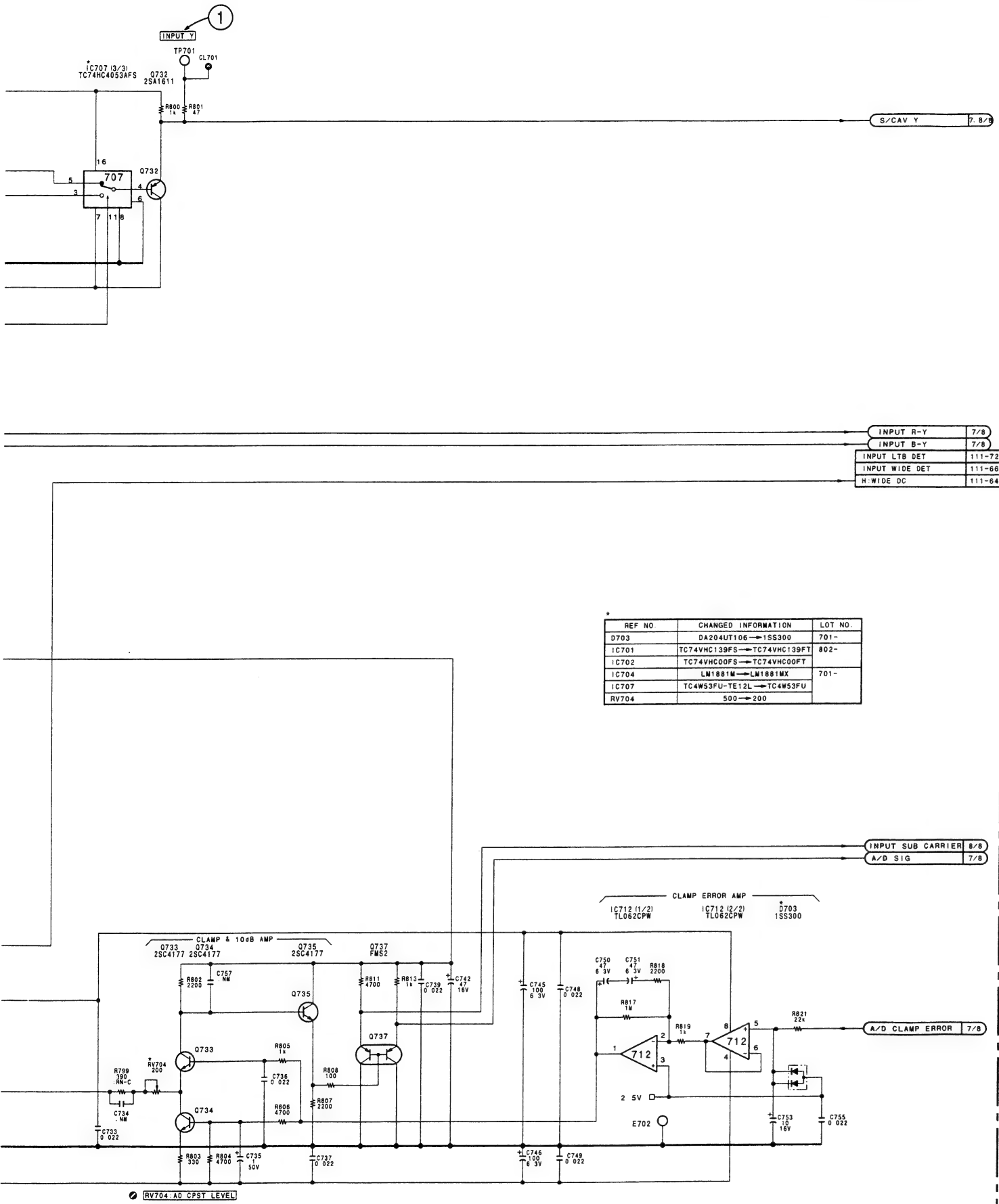
|   |                            |              |                |
|---|----------------------------|--------------|----------------|
| # | 10-149 BOARD<br>1-664-945- | -11          | -12 AND HIGHER |
|   | S601                       | 1-571-275-41 | NO MOUNT       |
|   | X601                       | 1-760-626-21 | 1-767-262-21   |

|      |              |              |
|------|--------------|--------------|
|      | NTSC         | PAL          |
| C611 | 0 072        | 0 1          |
| C613 | 33P          | 27P          |
| C629 | 27P          | 18P          |
| C652 | 27P          | 33P          |
| C653 | 27P          | 33P          |
| C654 | 56P          | 68P          |
| C655 | 56P          | 68P          |
| C656 | 27P          | 33P          |
| C657 | 27P          | 33P          |
| R602 | 100K         | NW           |
| R603 | NW           | 0            |
| R604 | 100K         | NW           |
| R605 | NW           | 0            |
| R613 | 4.7K         | NW           |
| R615 | NW           | 4.7K         |
| R637 | 560K         | 680K RN-C    |
| R638 | 300 RN-C     | 2.2K RN-C    |
| R640 | 4.7K RN-C    | 3.3K RN-C    |
| R641 | 300 RN-C     | 910 RN-C     |
| R644 | 300 RN-C     | 220 RN-C     |
| R645 | 300 RN-C     | 220 RN-C     |
| L605 | 47UH         | 27UH         |
| L606 | 47UH         | 27UH         |
| L607 | 47UH         | 27UH         |
| L608 | 47UH         | 27UH         |
| X602 | 1-527-722-91 | 1-760-457-91 |





DSR-80/80P



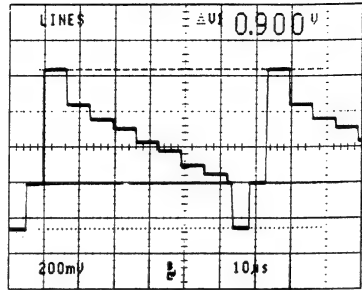
DSR-80/80P

13-75

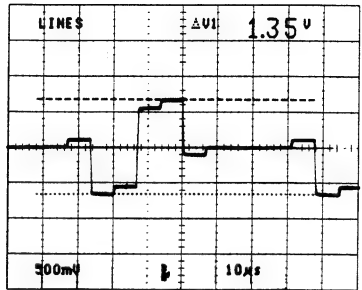
13-75

DSR-80/80P

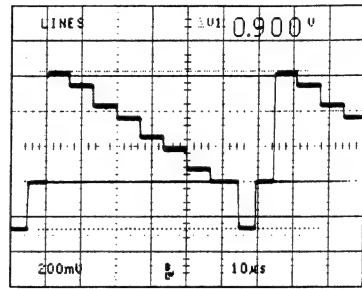
① TP701 MODE: 75% Color Bar/REC • EE (NTSC)



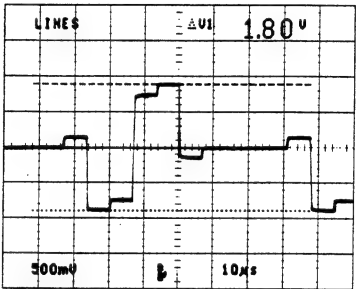
③ TP903 MODE: 75% Color Bar/REC • EE (NTSC)



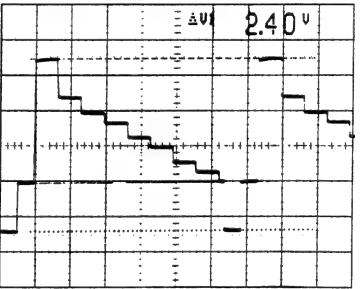
① TP701 MODE: 100% Color Bar/REC • EE (PAL)



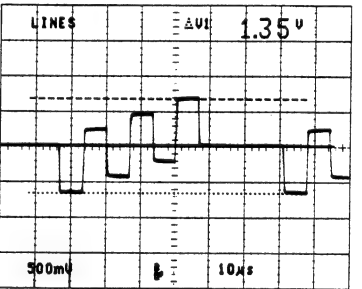
③ TP903 MODE: 100% Color Bar/REC • EE (PAL)



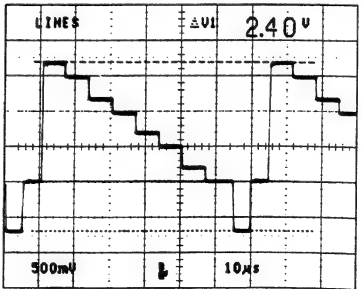
② TP902 MODE: 75% Color Bar/REC • EE (NTSC)



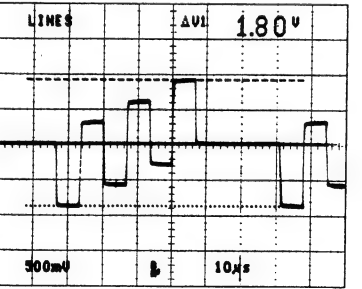
④ TP904 MODE: 75% Color Bar/REC • EE (NTSC)



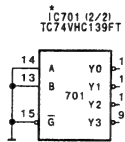
② TP902 MODE: 100% Color Bar/REC • EE (PAL)



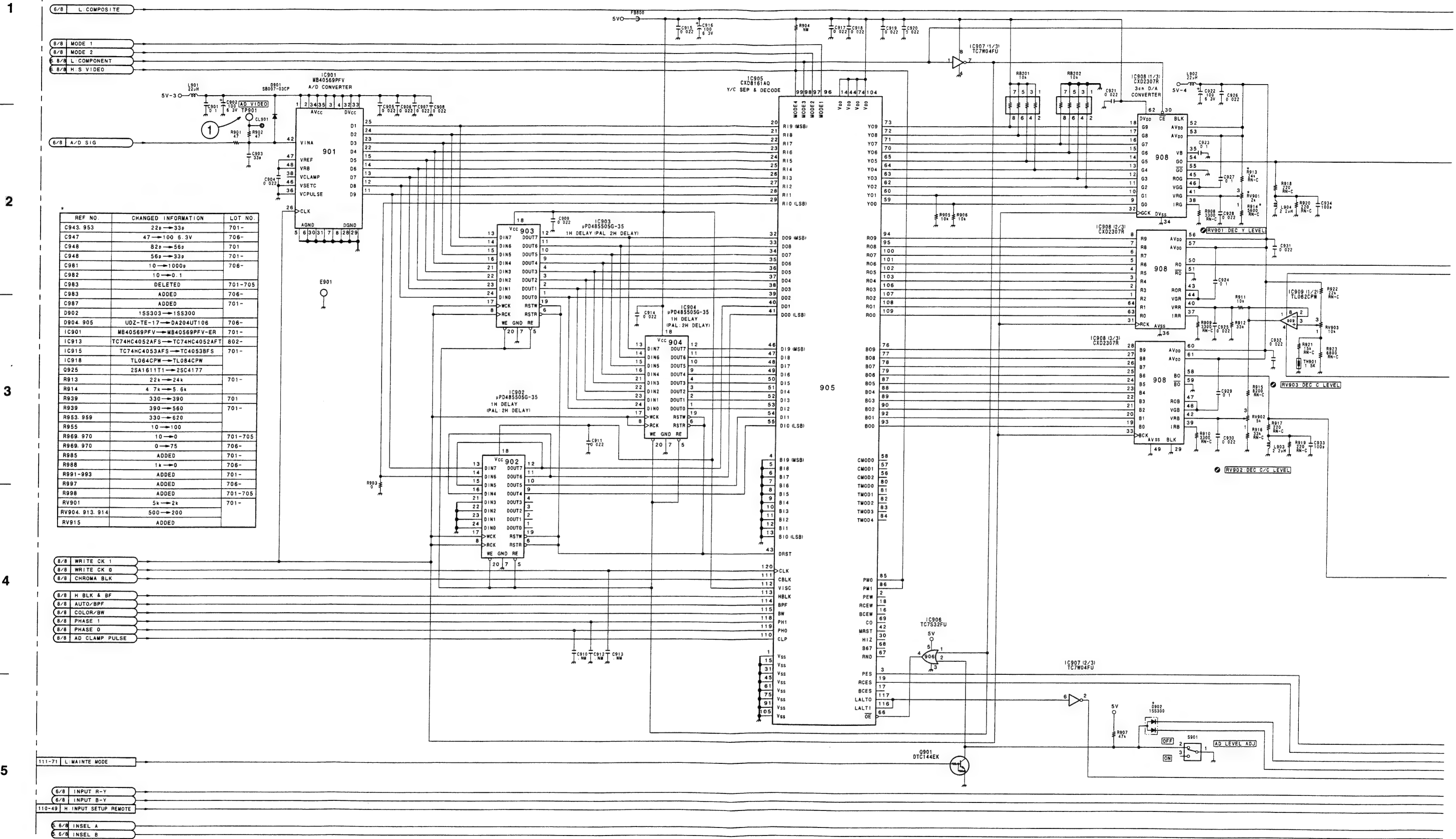
④ TP904 MODE: 100% Color Bar/REC • EE (PAL)

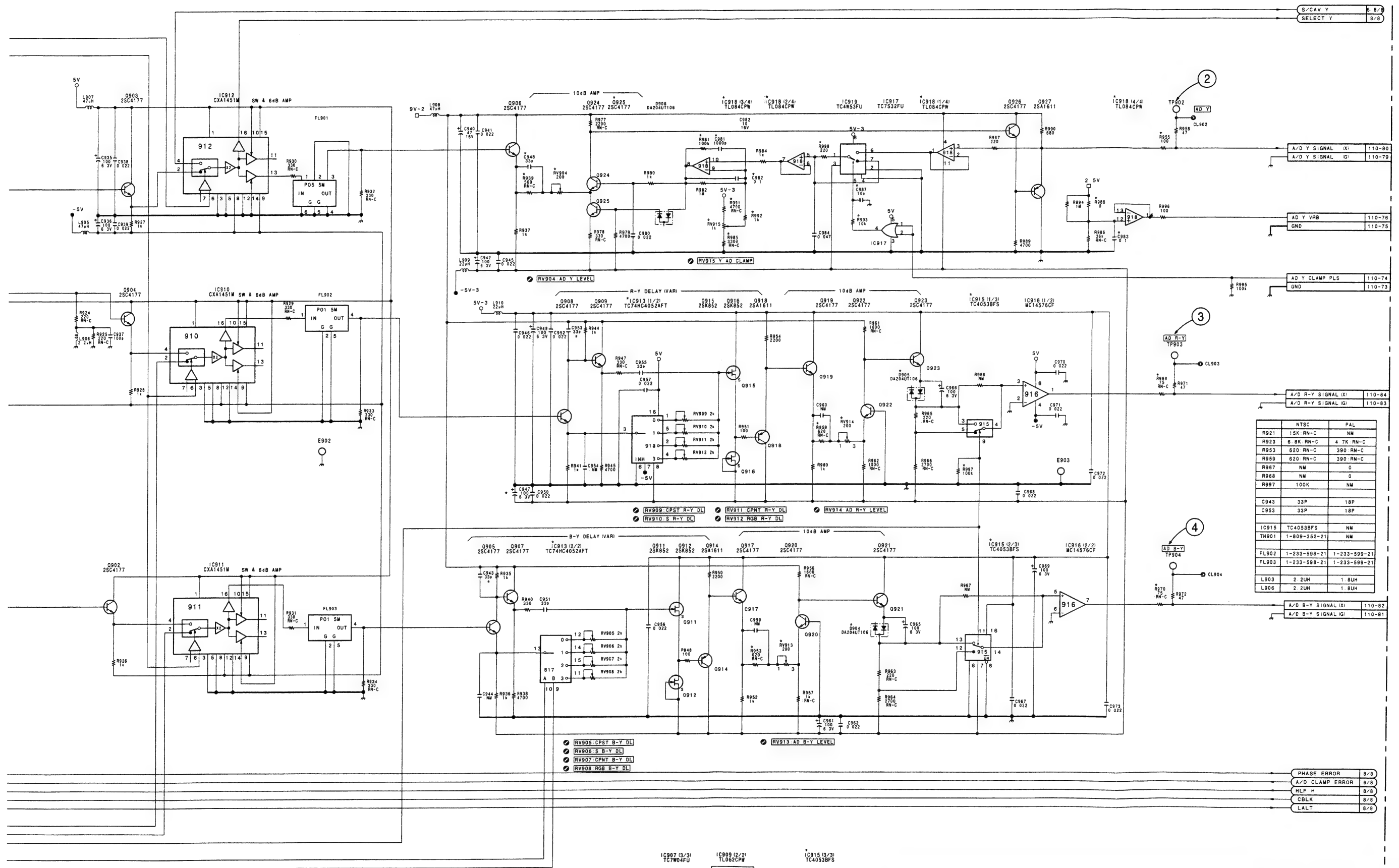


|      | NTSC       | PAL      |
|------|------------|----------|
| C722 | 0.001      | NM       |
| R737 | 100K       | NM       |
| R743 | 10K        | NM       |
| R744 | 10K        | NM       |
| R769 | 2K:RN-C    | 560 RN-C |
| R772 | 2K:RN-C    | 560 RN-C |
| D701 | DA204UT106 | NM       |
| Q716 | 25C4177    | NM       |



IO-149/149A (6/8)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P





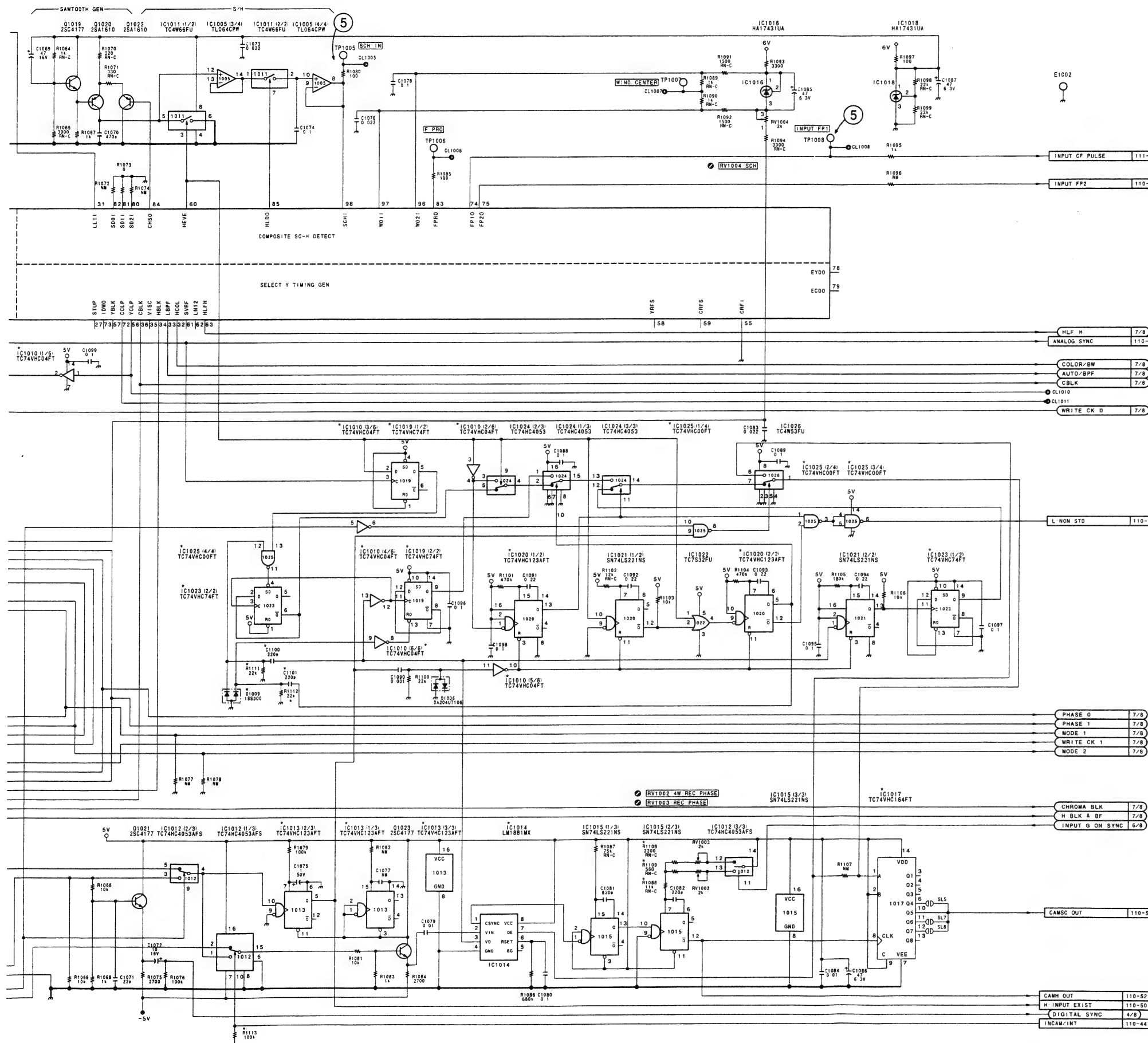
IO-149/149A (7/8)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P





## DSR-80/80P

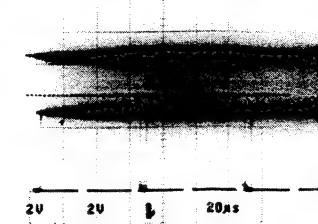
## DSR-80/80P



## IO-149 (8/8)

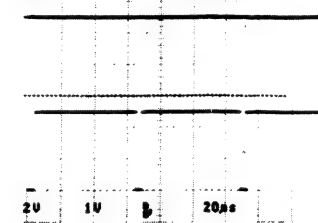
- ① TP1001 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)

LINES ΔVI 2.55 V



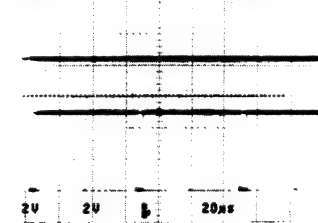
- ① TP1001 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)

LINES ΔVI 5.00 V



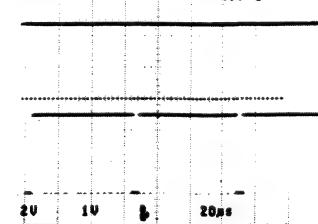
- ② TP1002 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)

LINES ΔVI 2.40 V



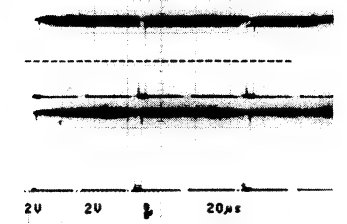
- ② TP1002 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)

LINES ΔVI 4.75 V



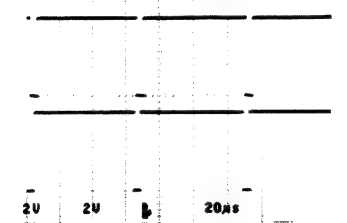
- ④ TP1004 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)

LINES ΔVI 8.25 V



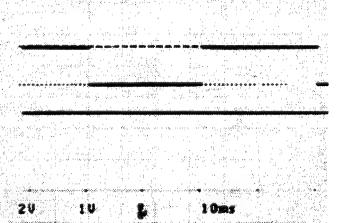
- ④ TP1004 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)

A1 0.0 % LINES



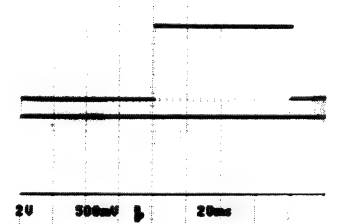
- ⑤ TP1005,1008 MODE: 75% Color Bar/PB (NTSC)  
③ TP1003 MODE: 75% Color Bar/PB (NTSC)

F1:228 ΔVI 2.45 V



- ⑤ TP1005,1008 MODE: 100% Color Bar/PB (PAL)  
③ TP1003 MODE: 100% Color Bar/PB (PAL)

A2 0.74 V



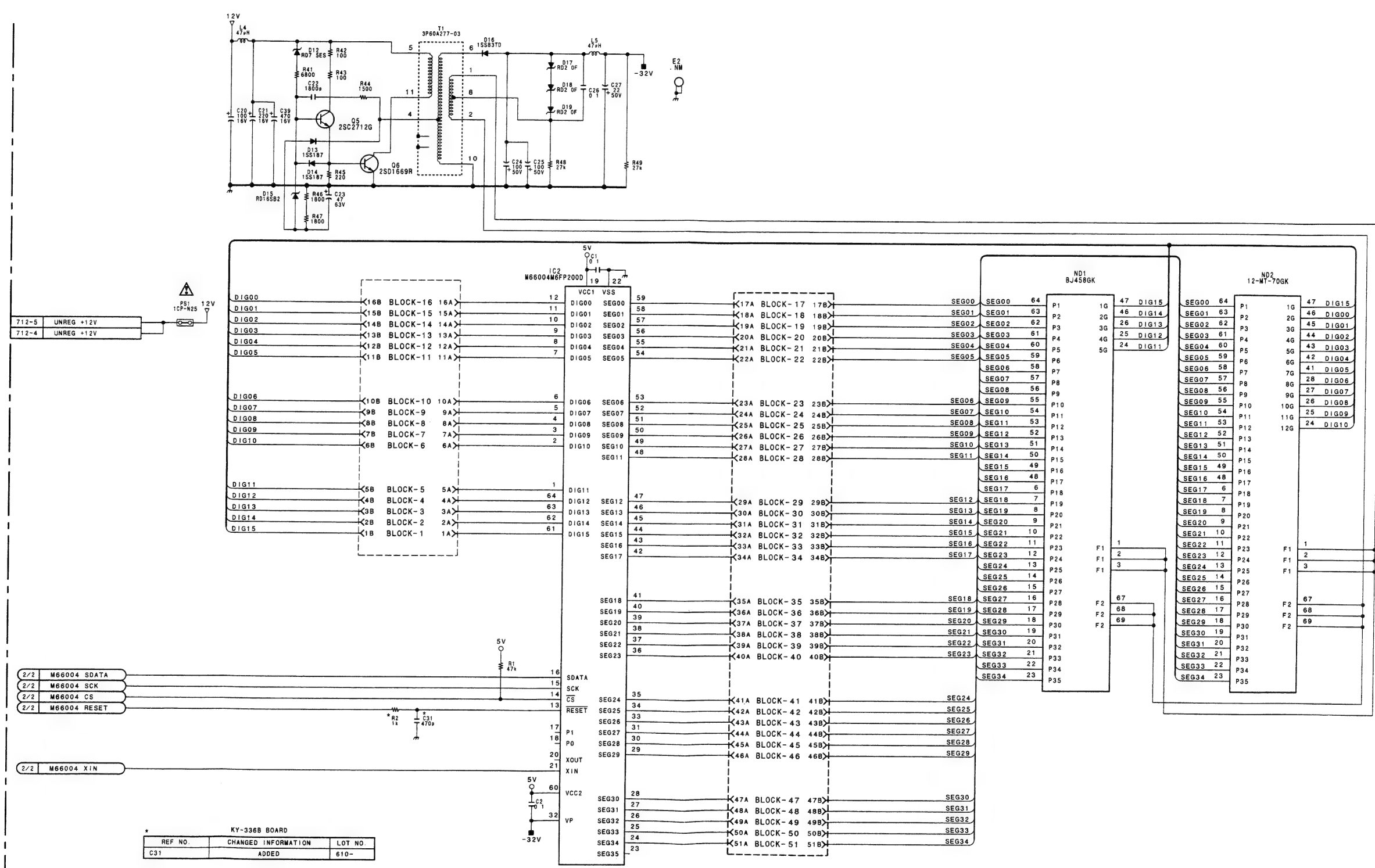
|       | NTSC         | PAL          |
|-------|--------------|--------------|
| C1011 | 47P          | 22P          |
| C1016 | 330P         | 220P         |
| C1070 | 470P         | 390P         |
| R1025 | NM           | 330K RN-C    |
| R1026 | 100K RN-C    | 330K RN-C    |
| R1072 | NM           | 0            |
| R1077 | NM           | 0            |
| R1078 | NM           | 0            |
| R1091 | 1.5K RN-C    | 1.2K RN-C    |
| R1092 | 1.5K RN-C    | 1.2K RN-C    |
| X1001 | 1-760-109-21 | 1-760-183-21 |
| X1002 | 1-527-722-91 | 1-760-457-91 |
| D1002 | NM           | DA20AUT106   |
| D1003 | NM           | DA20AUT106   |
| D1007 | NM           | DA20AUT106   |
| C1004 | 47UH         | 33UH         |



| REF. NO.    | CHANGED INFORMATION         | LOT NO. |
|-------------|-----------------------------|---------|
| C1000 1101  | ADDED                       | 706-    |
| D1008 1009  | ADDED                       |         |
| IC1010      | TC74VHC164FS → TC74VHC04FT  | 802-    |
| IC1013 1020 | TC74VHC175FS → TC74VHC175FT |         |
| IC1014      | LM1881W → LM1881W           | 701-    |
| IC1017      | TC74VHC164FS → TC74VHC164FT | 802-    |
| IC1019 1023 | TC74VHC74FS → TC74VHC74FT   |         |
| IC1025      | TC74VHC00FS → TC74VHC00FT   |         |
| R1088       | 12K → 11K                   | 701-801 |
| R1108       | ADDED                       | 701-706 |
| R1109       | 1.5K → 2.2K                 | 701-    |
| R1109       | ADDED                       | 701-    |
| R1110-1113  | ADDED                       | 706-    |

IO-149/149A (8/8)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P

KY-336/336B (1/2): KEY SWITCH/DISPLAY



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13-80

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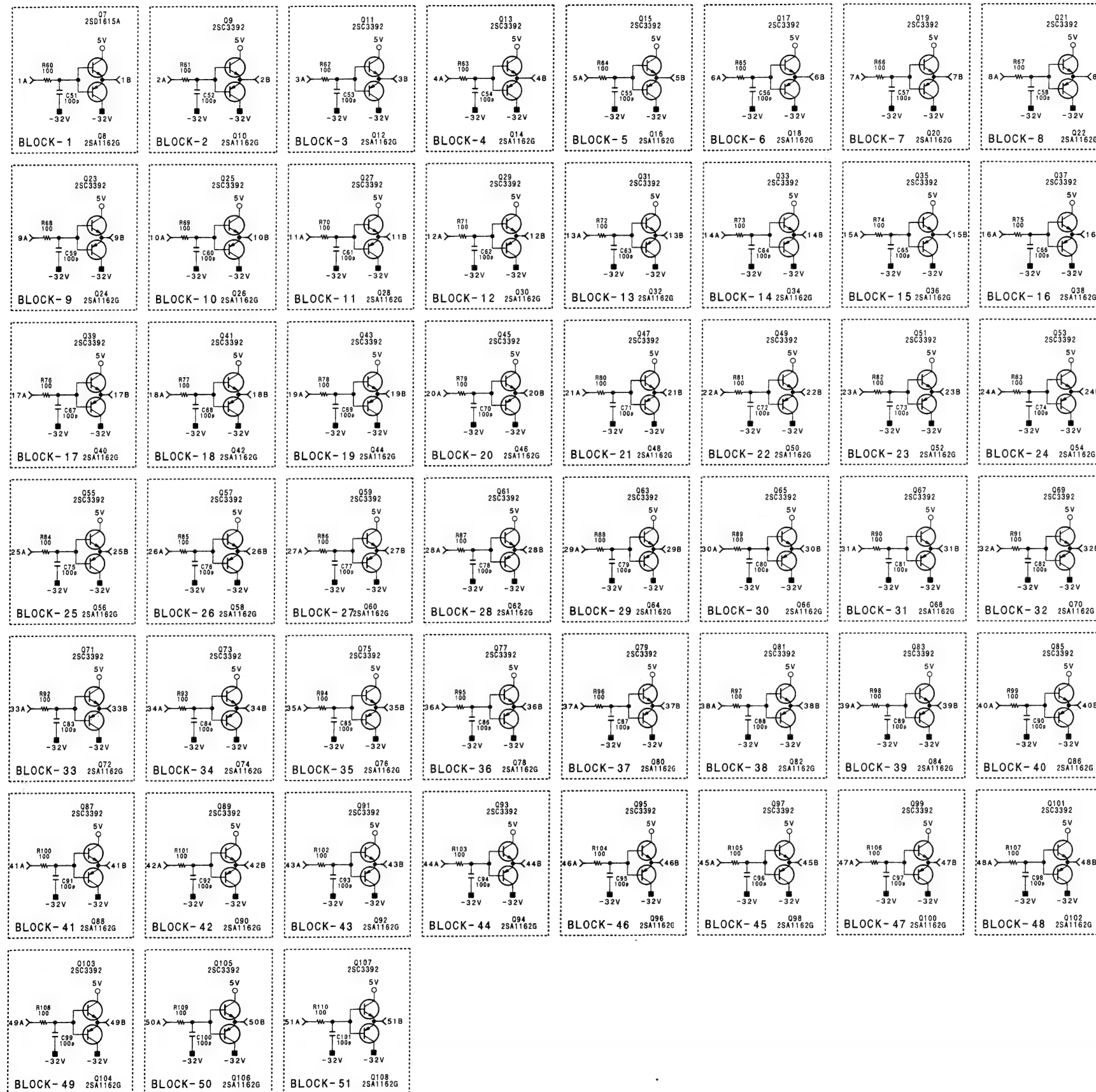
13-80

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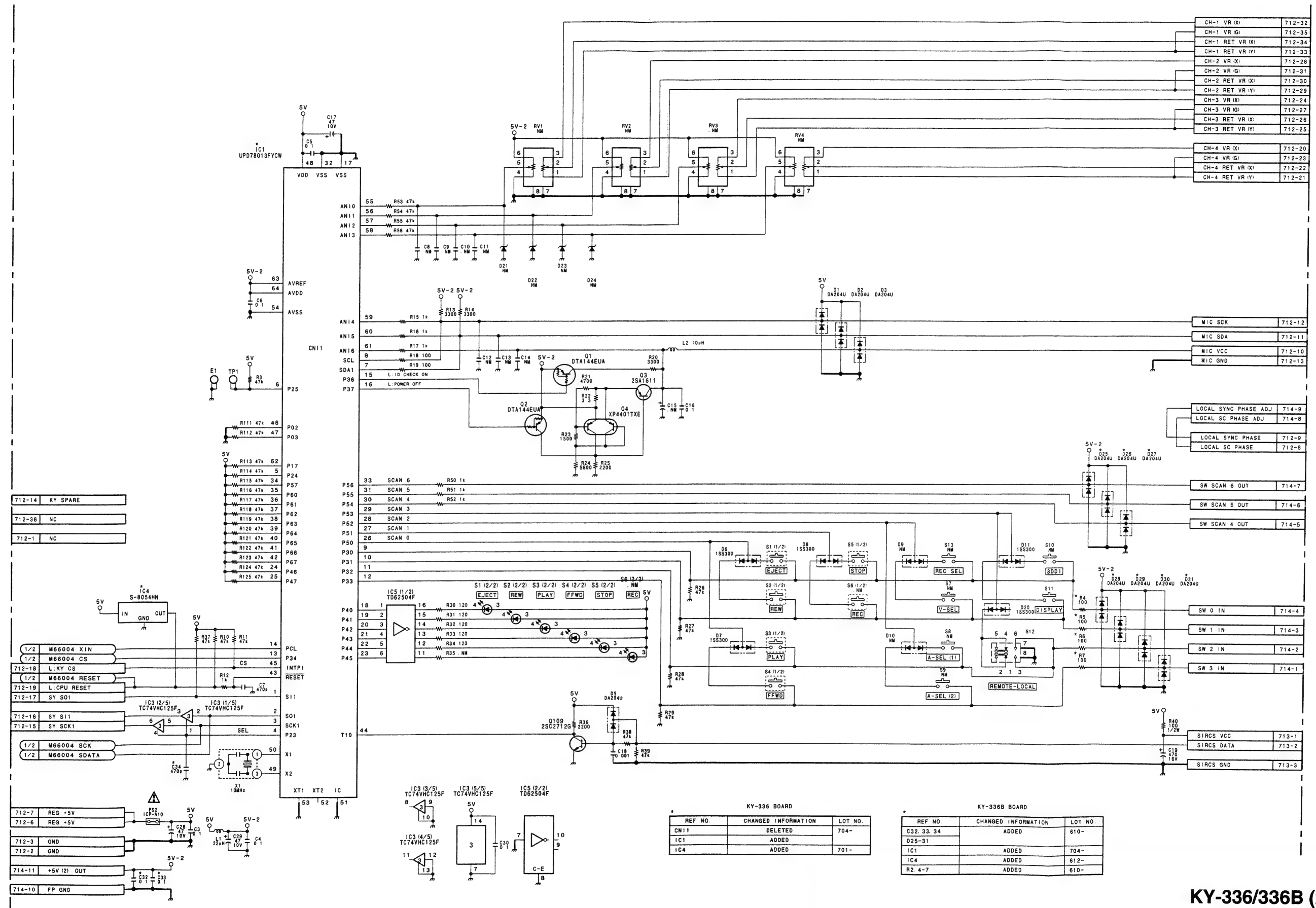


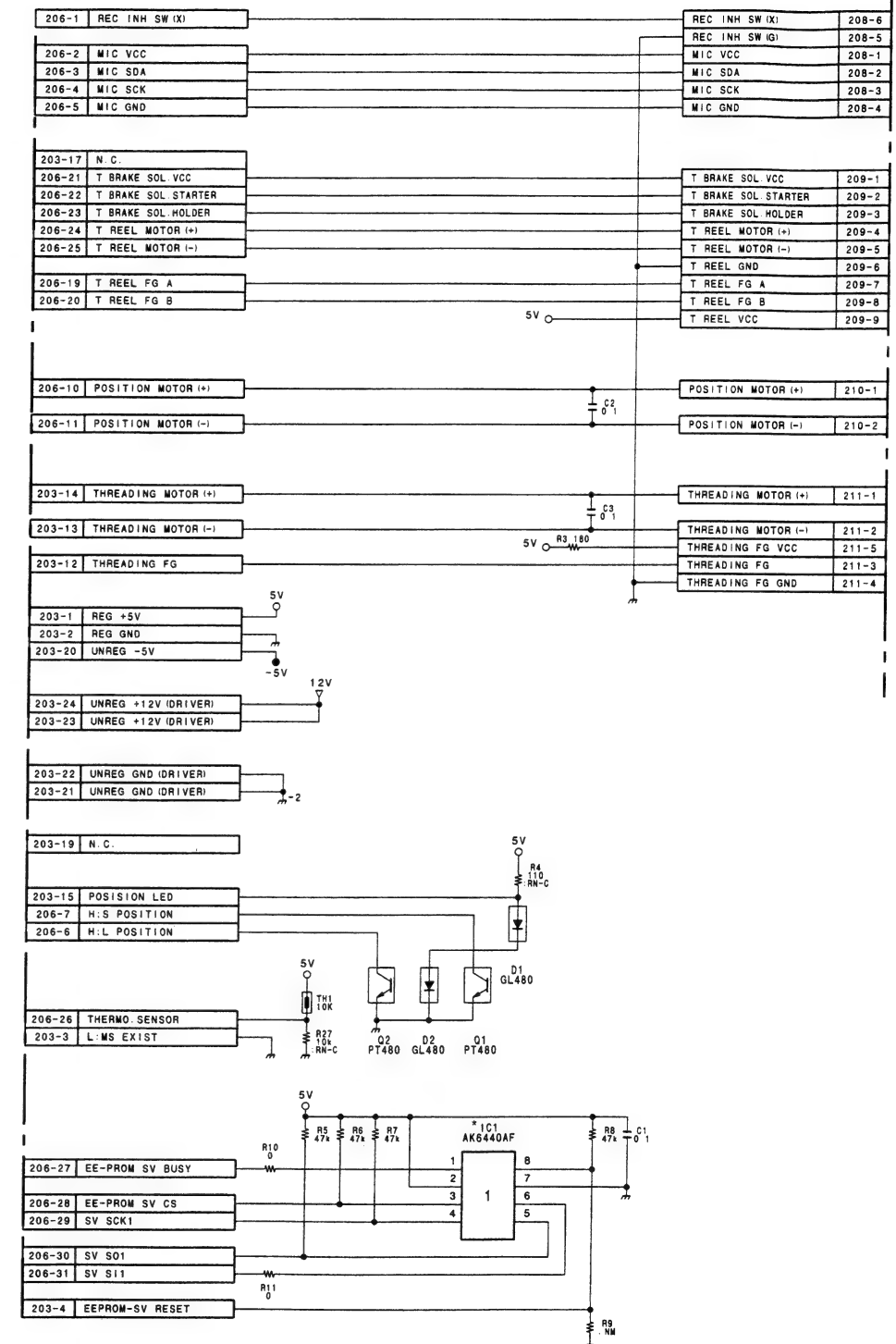
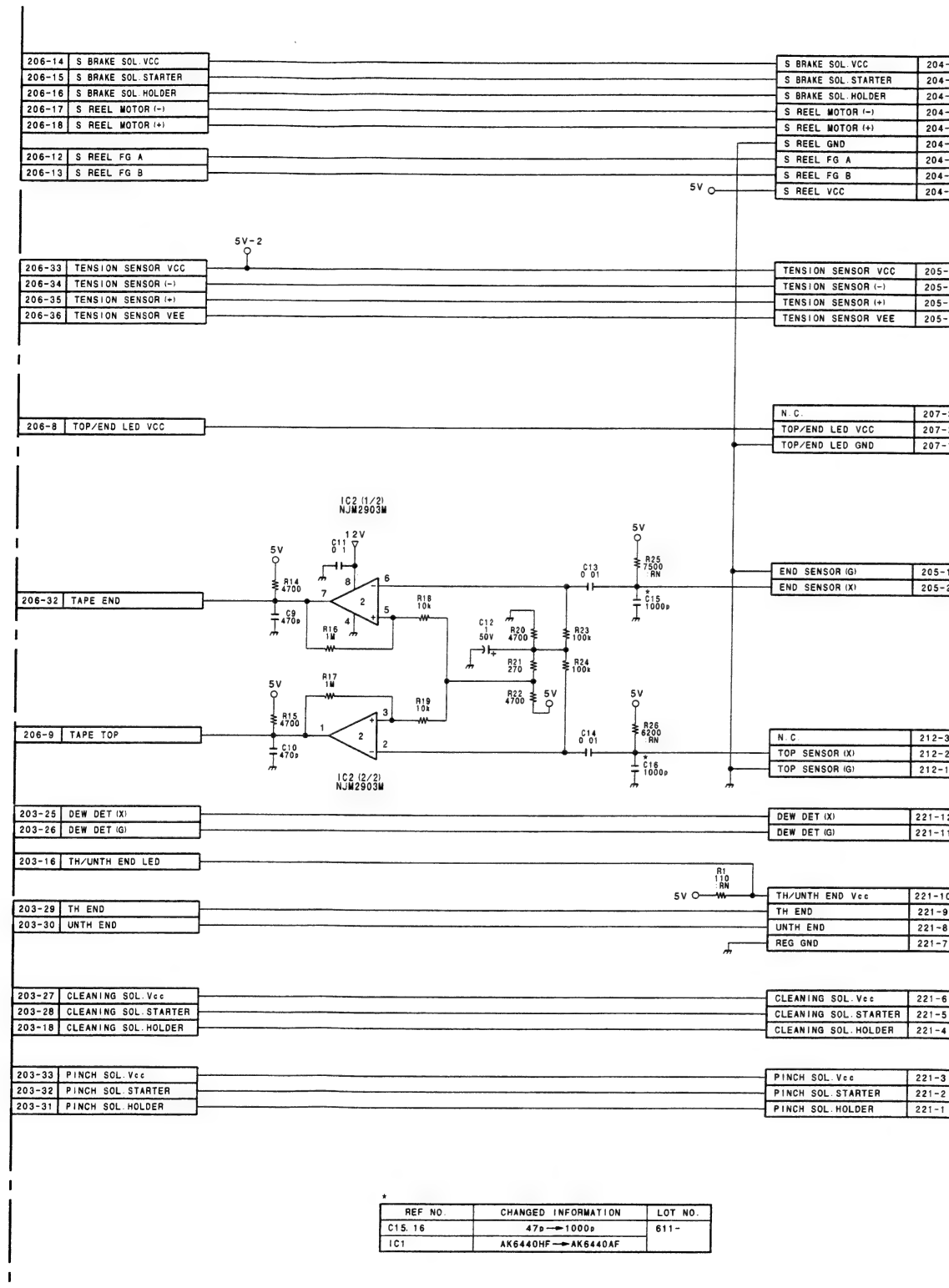
|     | DSR-80/80P     | DSR-60/60P |
|-----|----------------|------------|
| C8  | 0.1μ           | NO MOUNT   |
| C9  | 0.1μ           | NO MOUNT   |
| C10 | 0.1μ           | NO MOUNT   |
| C11 | 0.1μ           | NO MOUNT   |
| R35 | 120Ω           | NO MOUNT   |
| RV1 | 20k            | NO MOUNT   |
| RV2 | 20k            | NO MOUNT   |
| RV3 | 20k            | NO MOUNT   |
| RV4 | 20k            | NO MOUNT   |
| S6  | 1-692-891-21   | NO MOUNT   |
| S7  | 1-571-977-21   | NO MOUNT   |
| S8  | 1-571-977-21   | NO MOUNT   |
| S9  | 1-571-977-21   | NO MOUNT   |
| S10 | 1-571-977-21   | NO MOUNT   |
| S13 | 1-571-977-21   | NO MOUNT   |
| D9  | 1SS300         | NO MOUNT   |
| D10 | 1SS300         | NO MOUNT   |
| D21 | UDZ-TE-17-6 2B | NO MOUNT   |
| D22 | UDZ-TE-17-6 2B | NO MOUNT   |
| D23 | UDZ-TE-17-6 2B | NO MOUNT   |
| D24 | UDZ-TE-17-6 2B | NO MOUNT   |



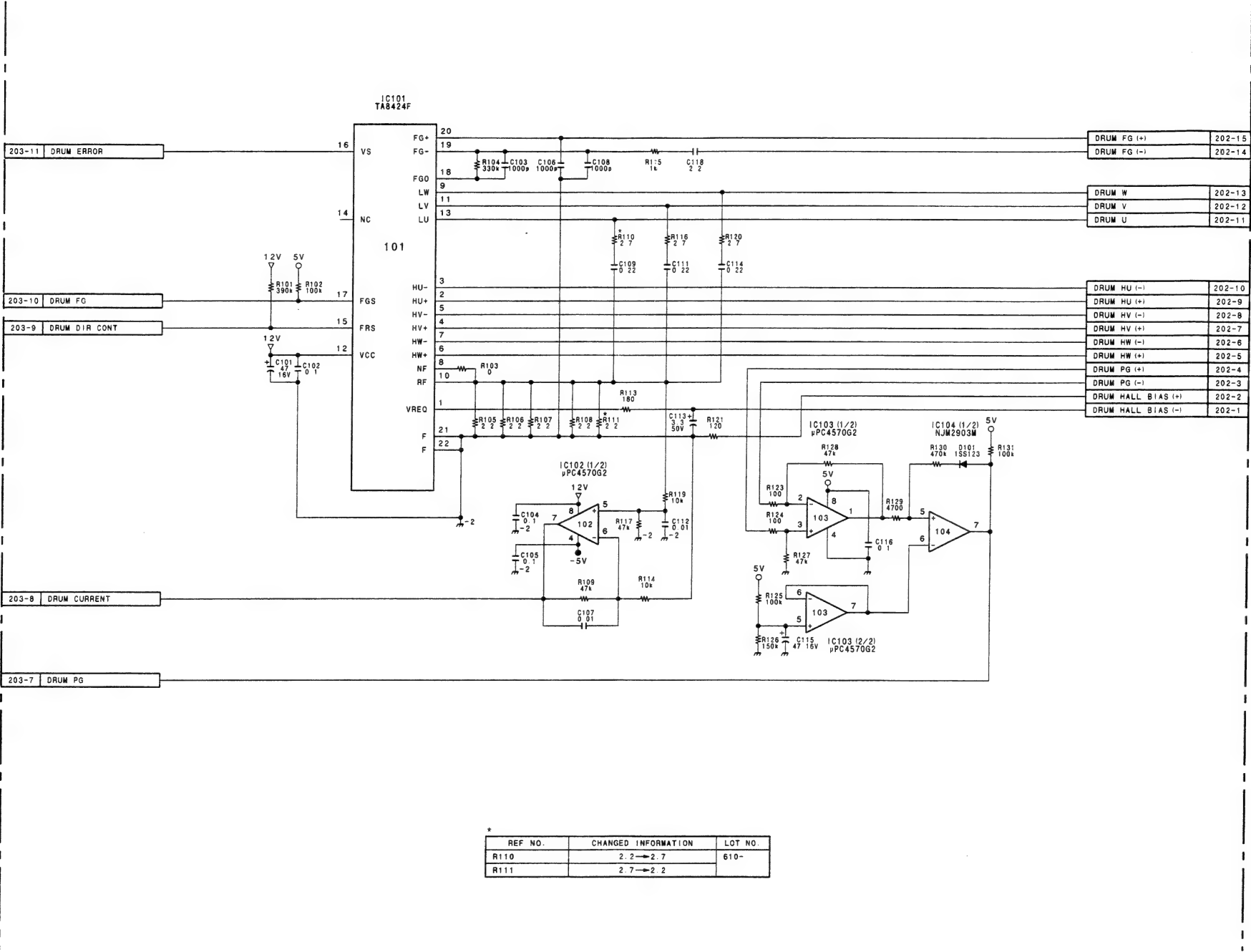


KY-336/336B (2/2): KEY SWITCH/DISPLAY

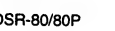


MS-43 (1/2): DRUM/CAPSTAN DRIVE  
MECHA SENSOR

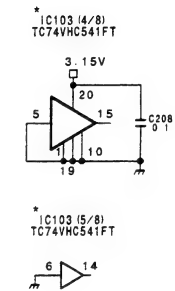
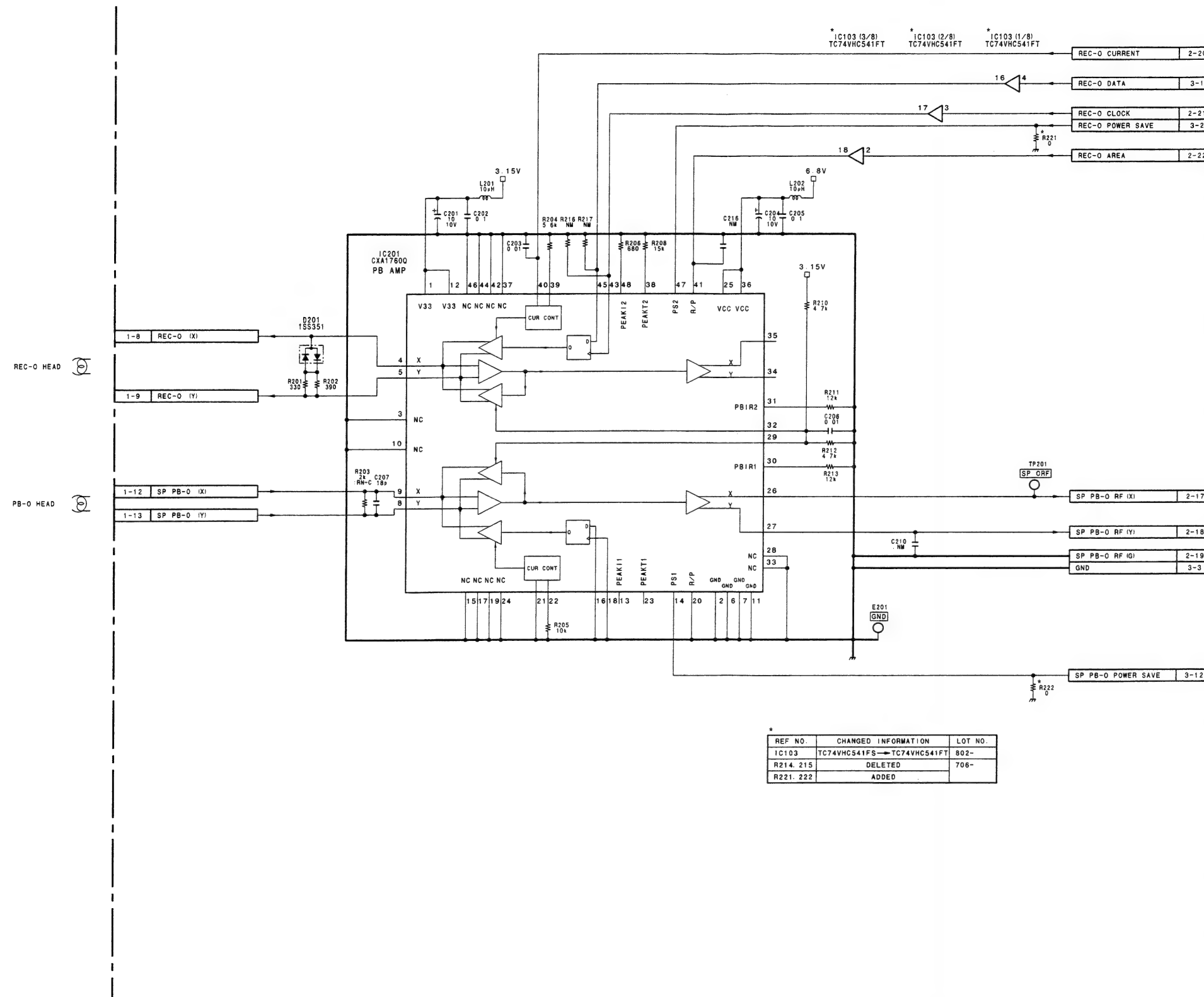
MS-43 (2/2): DRUM/CAPSTAN DRIVE  
MECHA SENSOR



| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| R110    | 2.2 → 2.7           | 610-    |
| R111    | 2.7 → 2.2           |         |

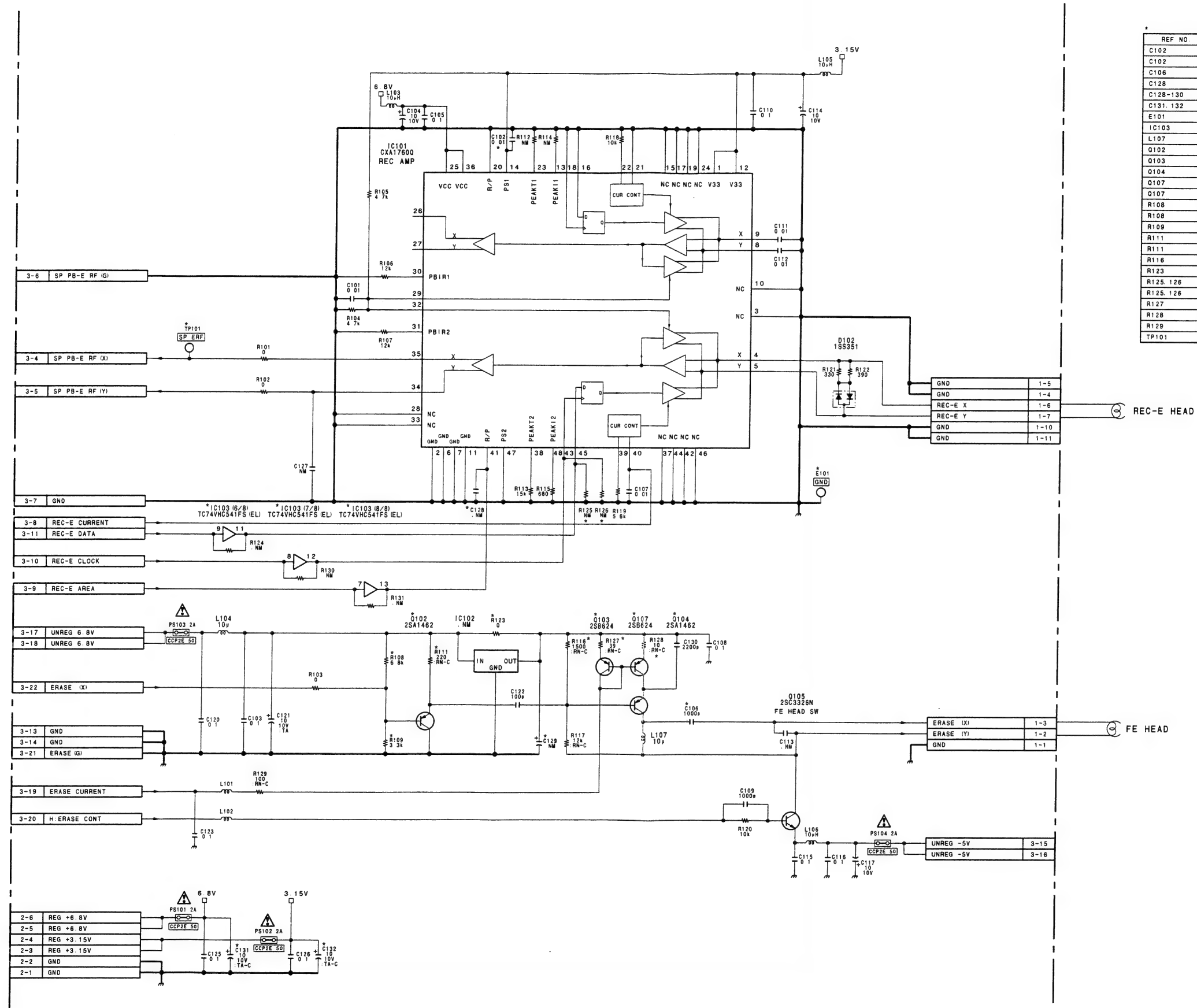




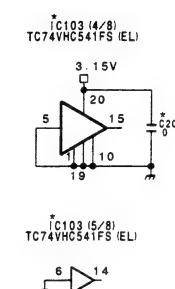
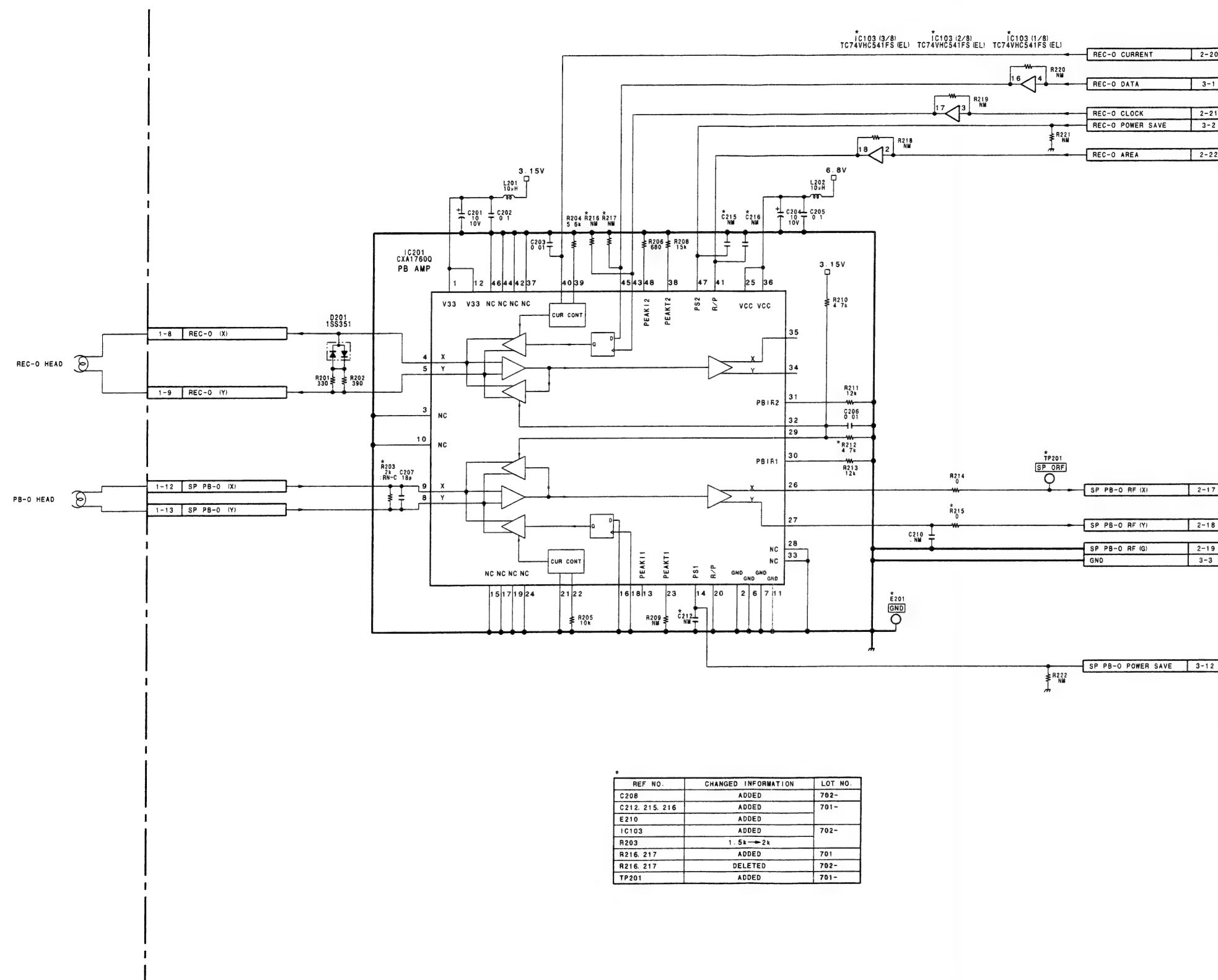


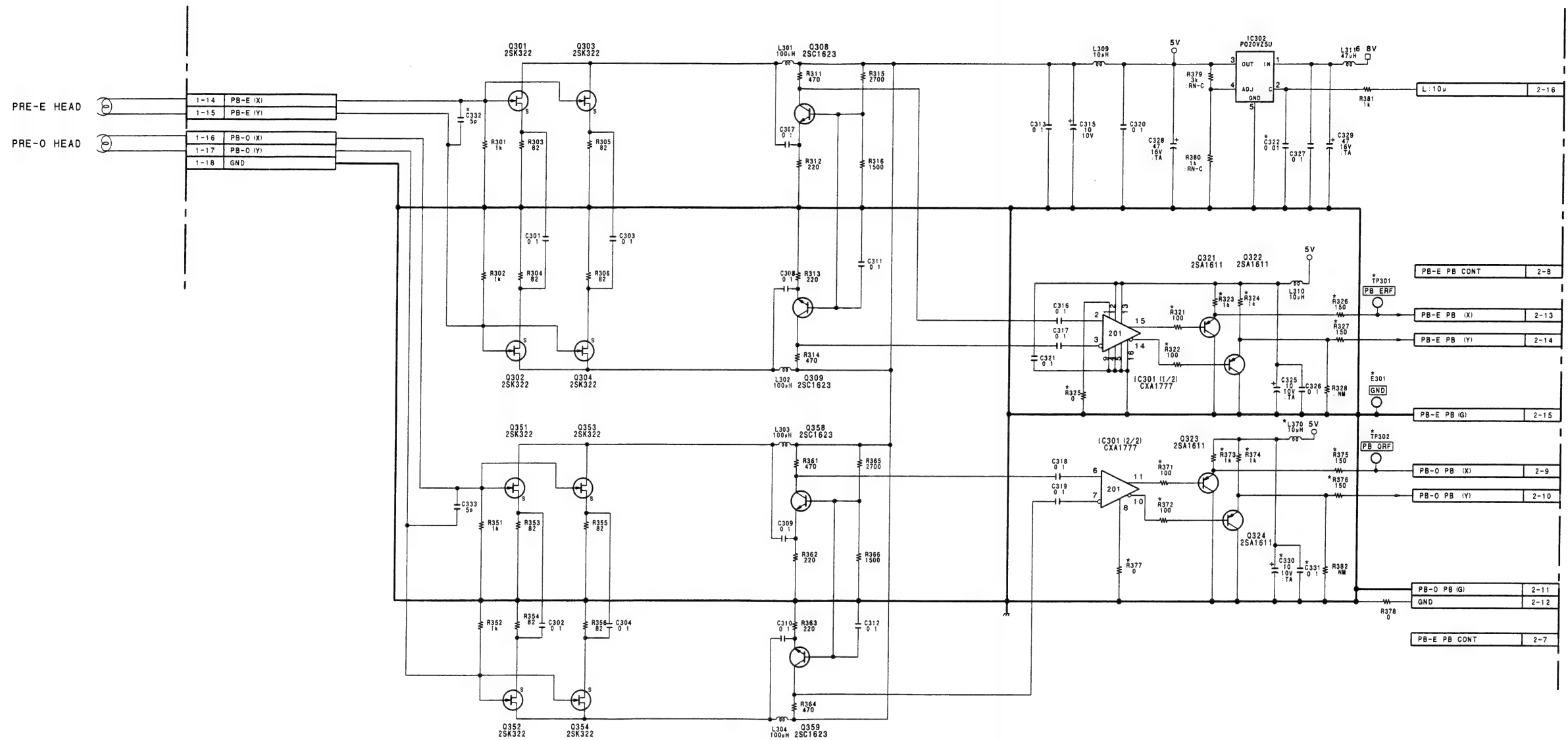




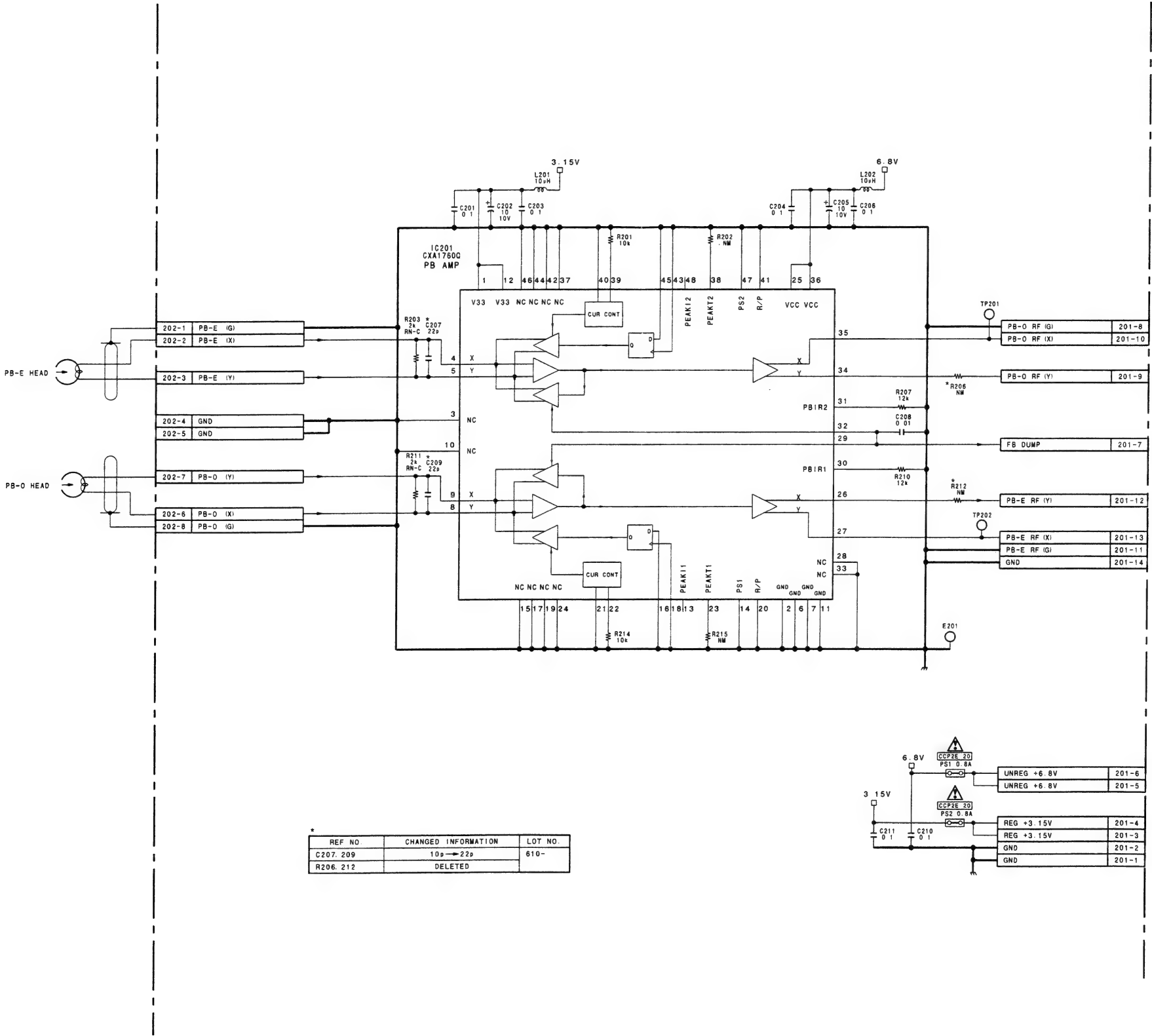








| REF NO.                | CHANGED INFORMATION | LOT NO. |
|------------------------|---------------------|---------|
| C330. 331              | ADDED               | 702-    |
| C322                   | 1000g → 0.01        | 701-    |
| E301                   | ADDED               |         |
| L370                   | ADDED               | 702-    |
| R321. 322.<br>371. 372 | 47 → 100            | 701-    |
| R323. 324.<br>373. 374 | 470 → 1k            |         |
| R325. 377              | 1k → 0              |         |
| R326. 327.<br>375. 376 | 22 → 150            |         |
| TP301. 302             | ADDED               |         |



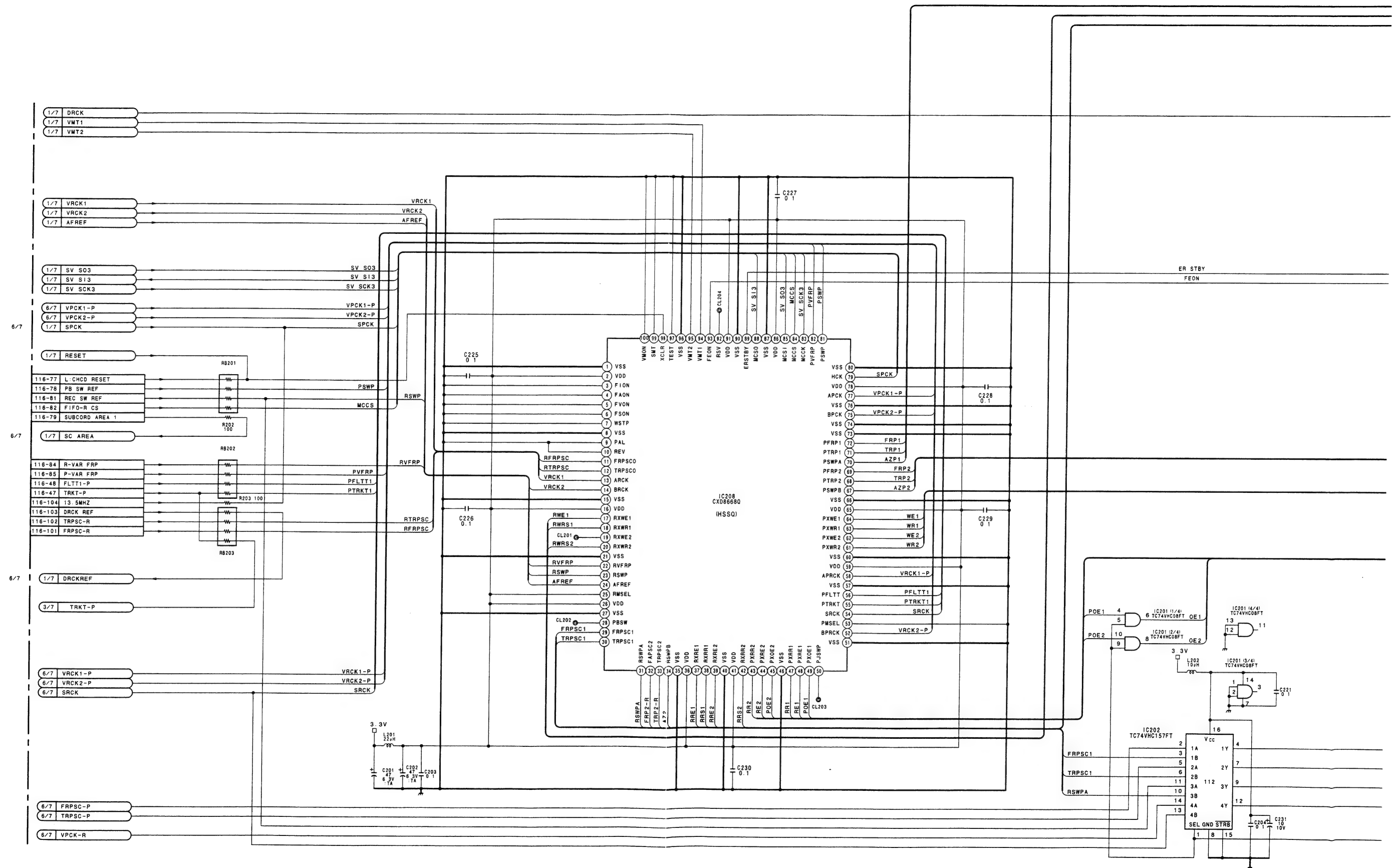
**5**







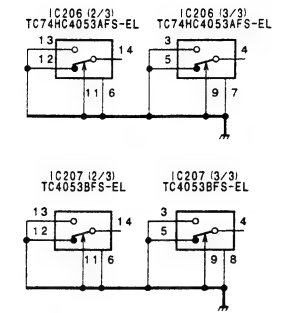
JNY-SP0754 / DRUCK 341



13-92 (b)

13-92 (b)

DSR-80/80P



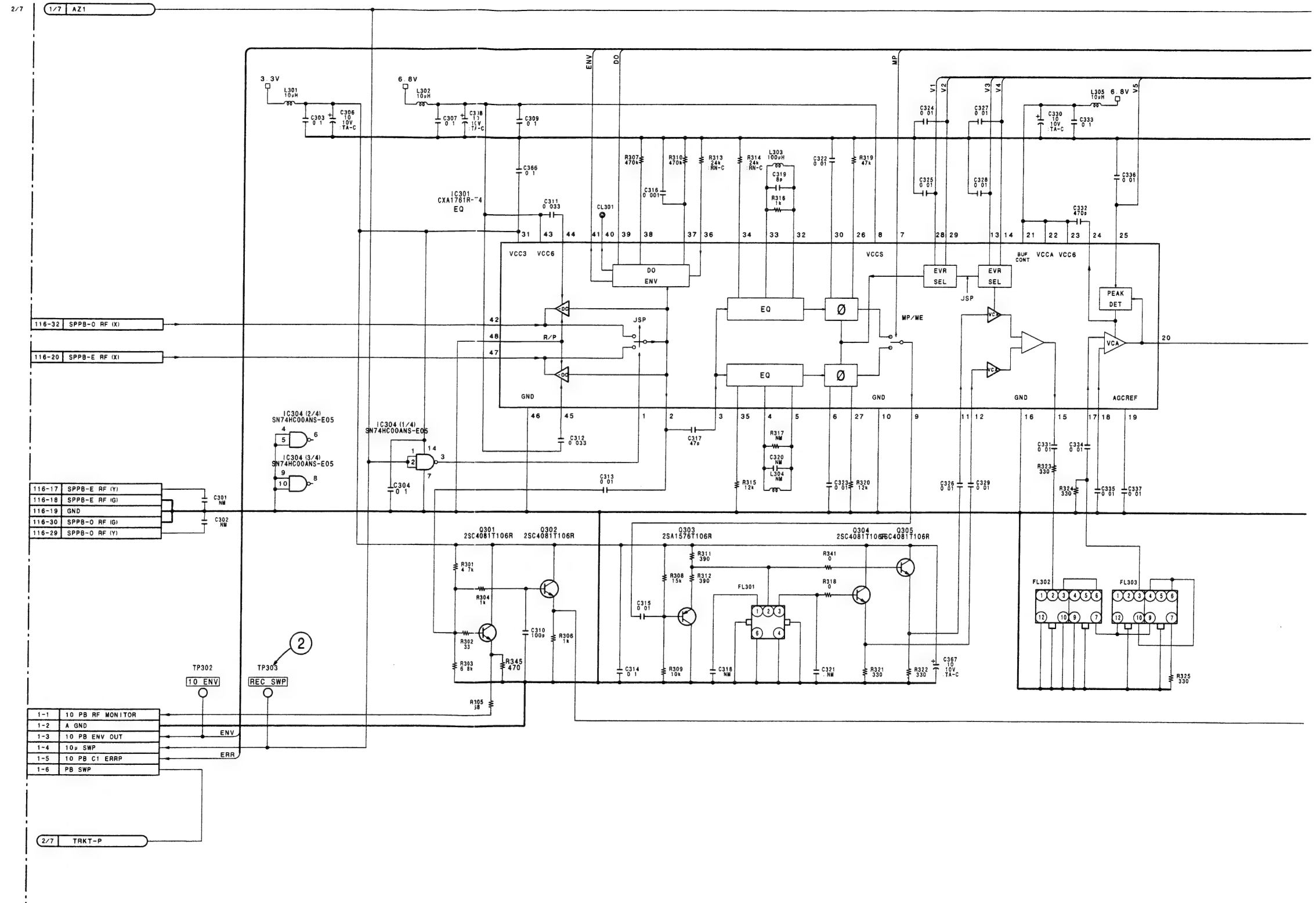
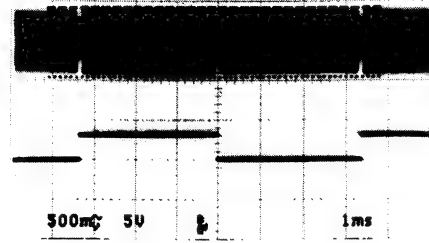
NY-SP0754 / DRUCK 343

RP-101 (3/7): REC/PB HEAD AMP, RF A/D

RP-101 (3/7)

- ① TP301 (MODE: 75% Color Bar/PB (NTSC))  
② TP303 (MODE: 100% Color Bar/PB (PAL))

A2 1.2 V ΔV1 0.88 V



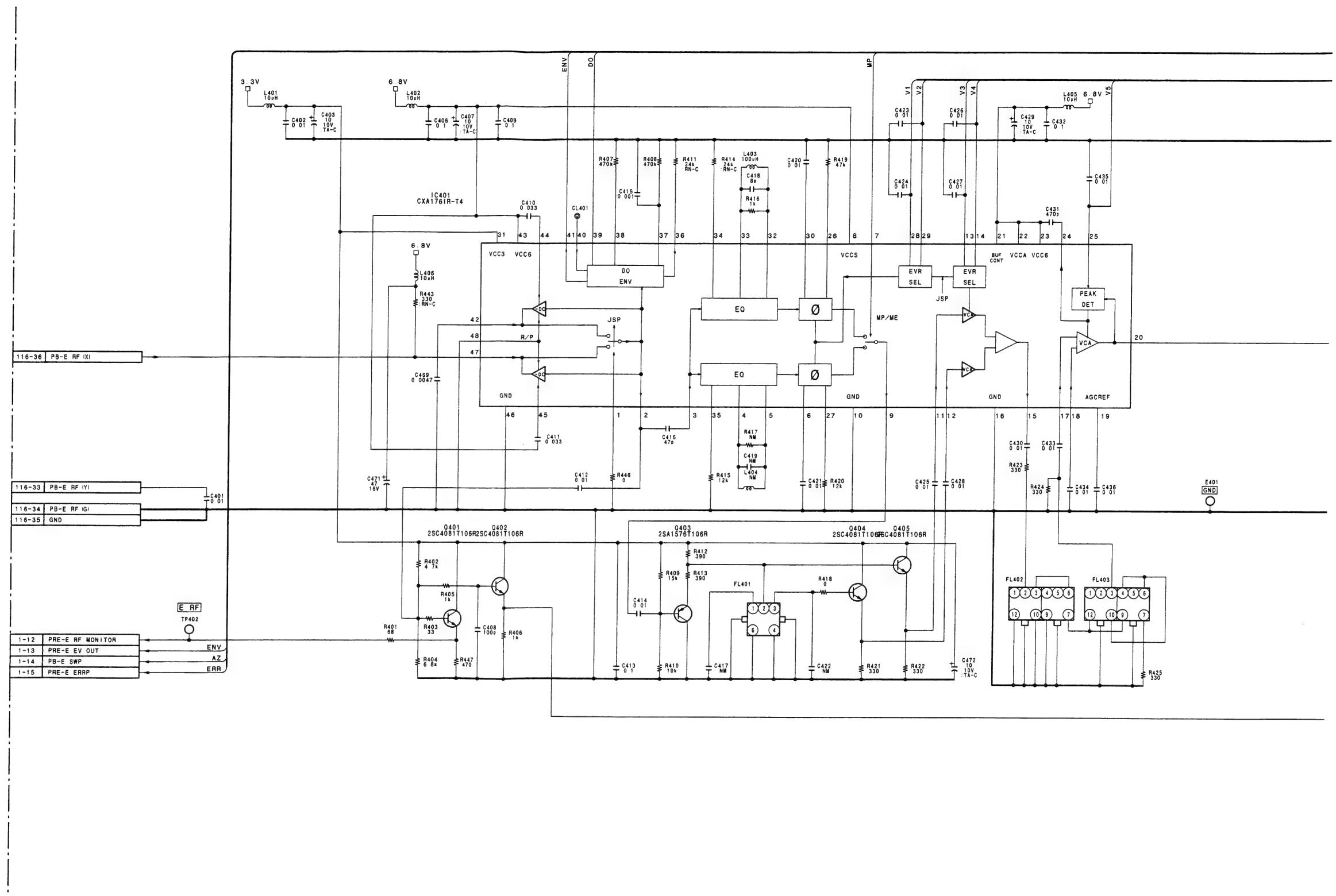
13-94 (b)

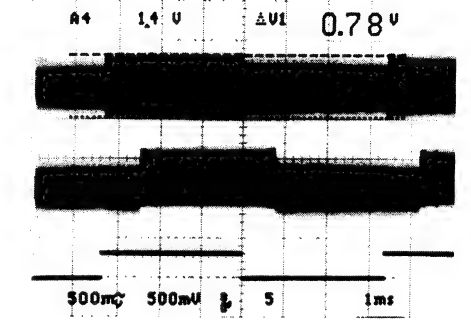
13-94 (b)

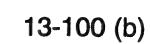
DSR-80/80P



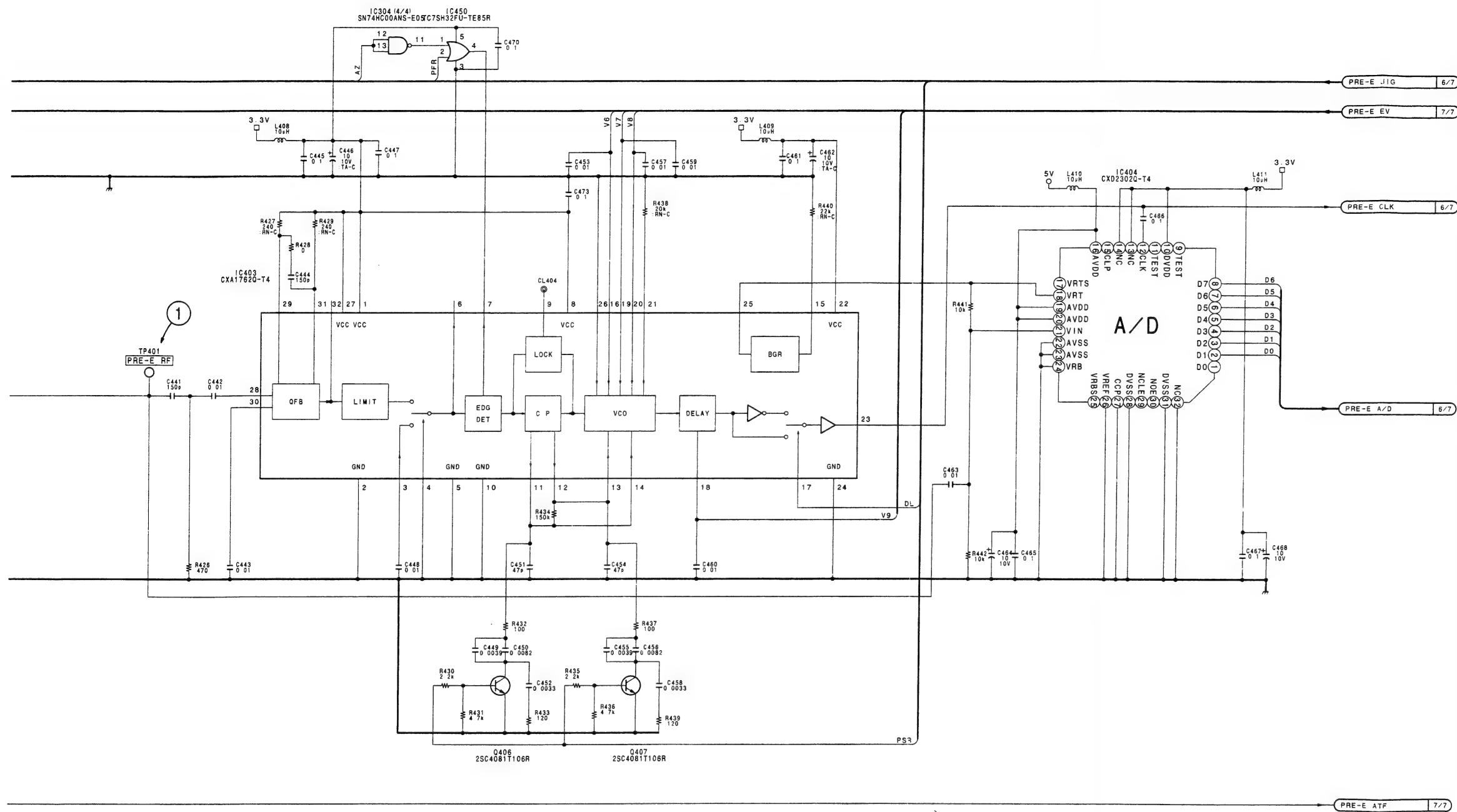




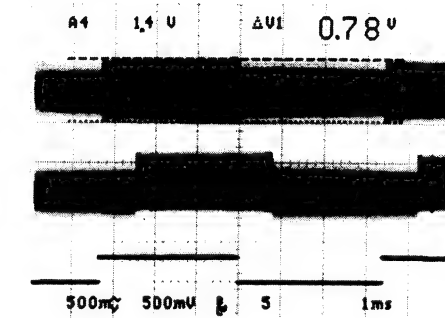




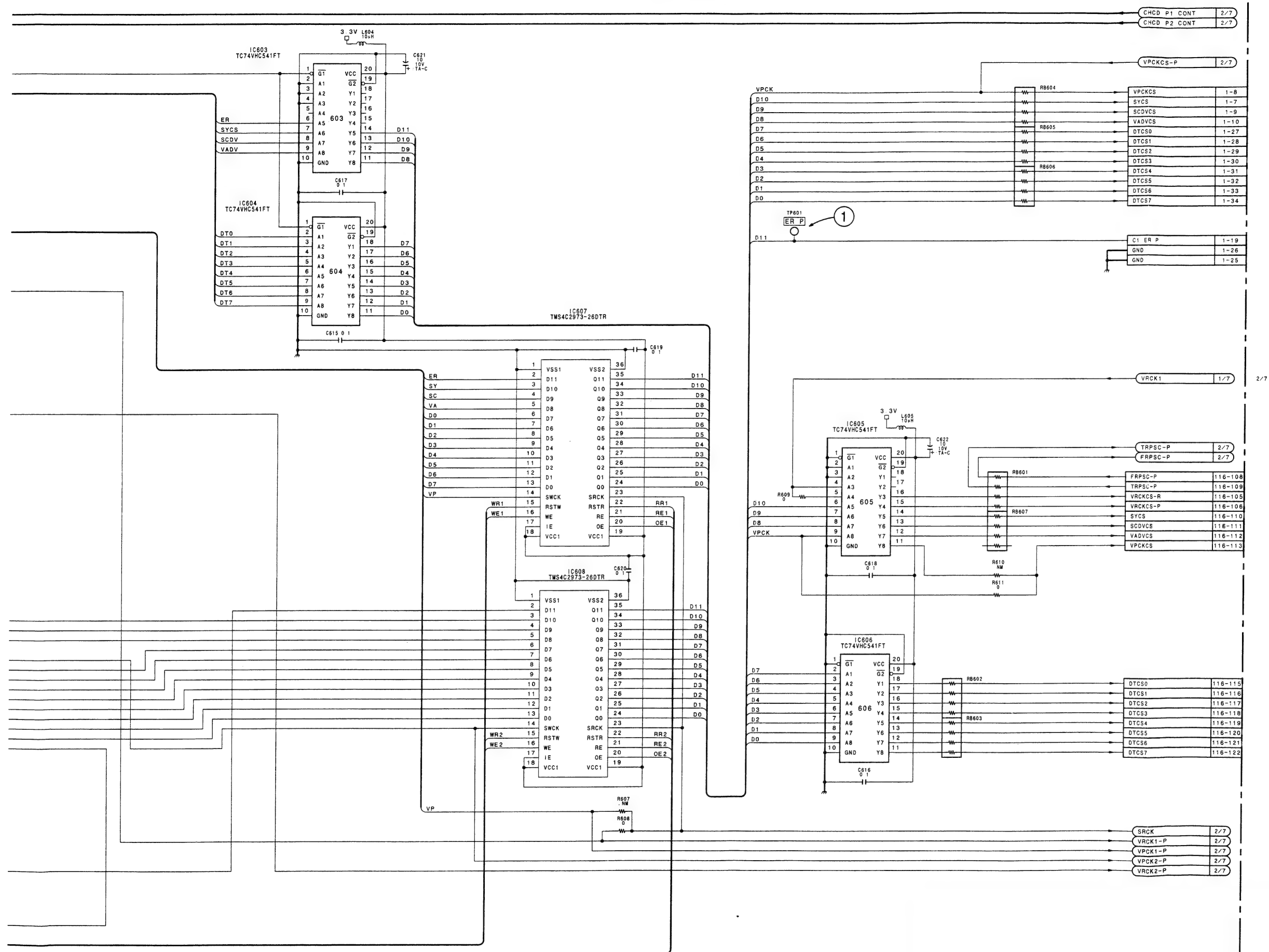


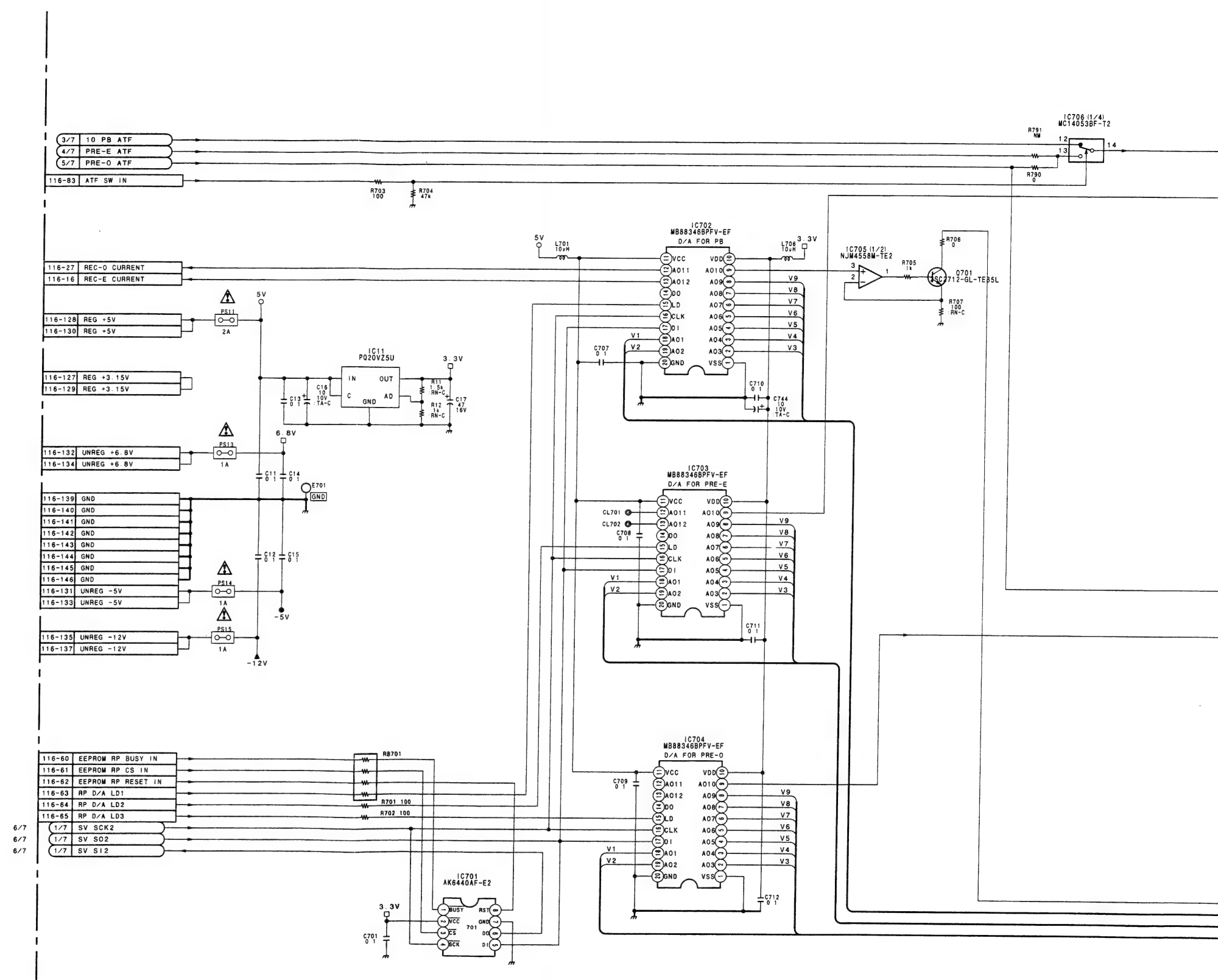


- ① TP401 MODE: 75% Color Bar/PB (NTSC)
- ① TP501 MODE: 100% Color Bar/PB (PAL)
- ② TP303







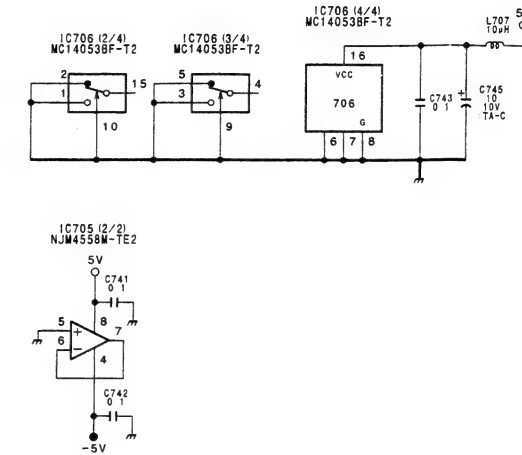


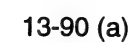
13-102 (b)

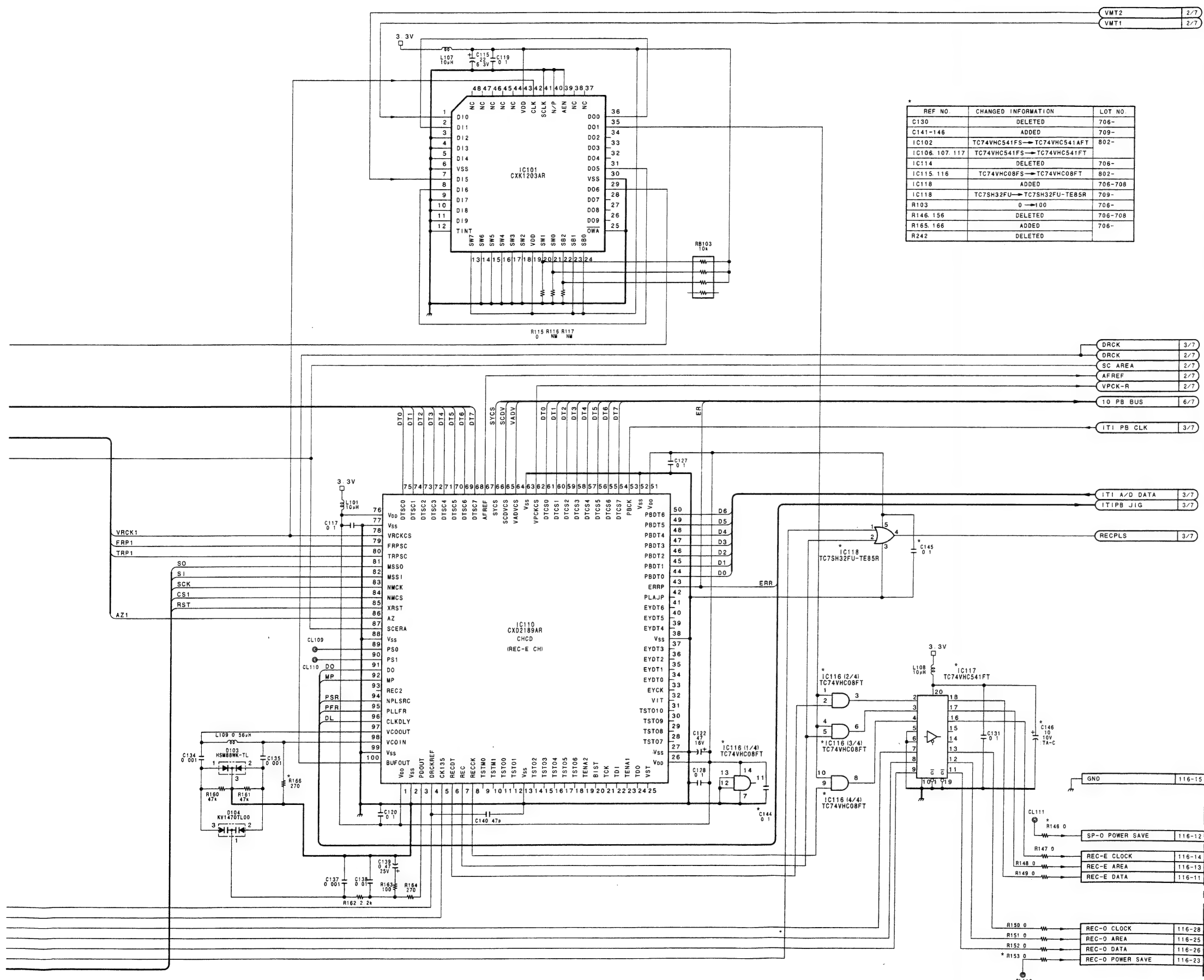
13-102 (b)

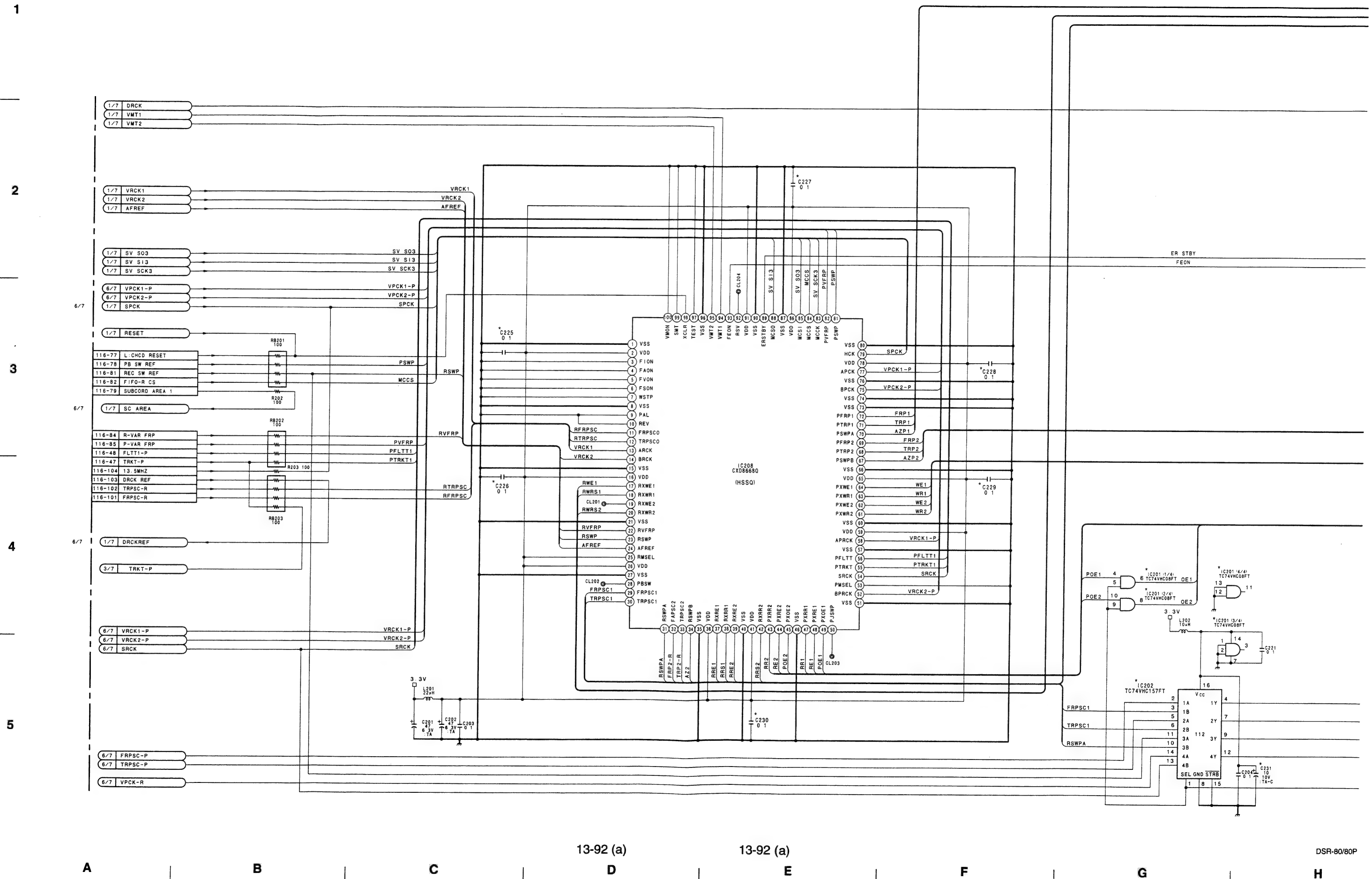
DSR-80/80P







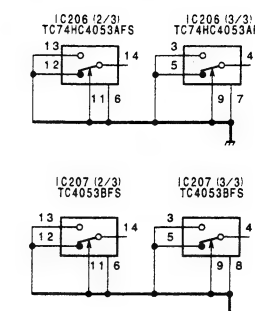
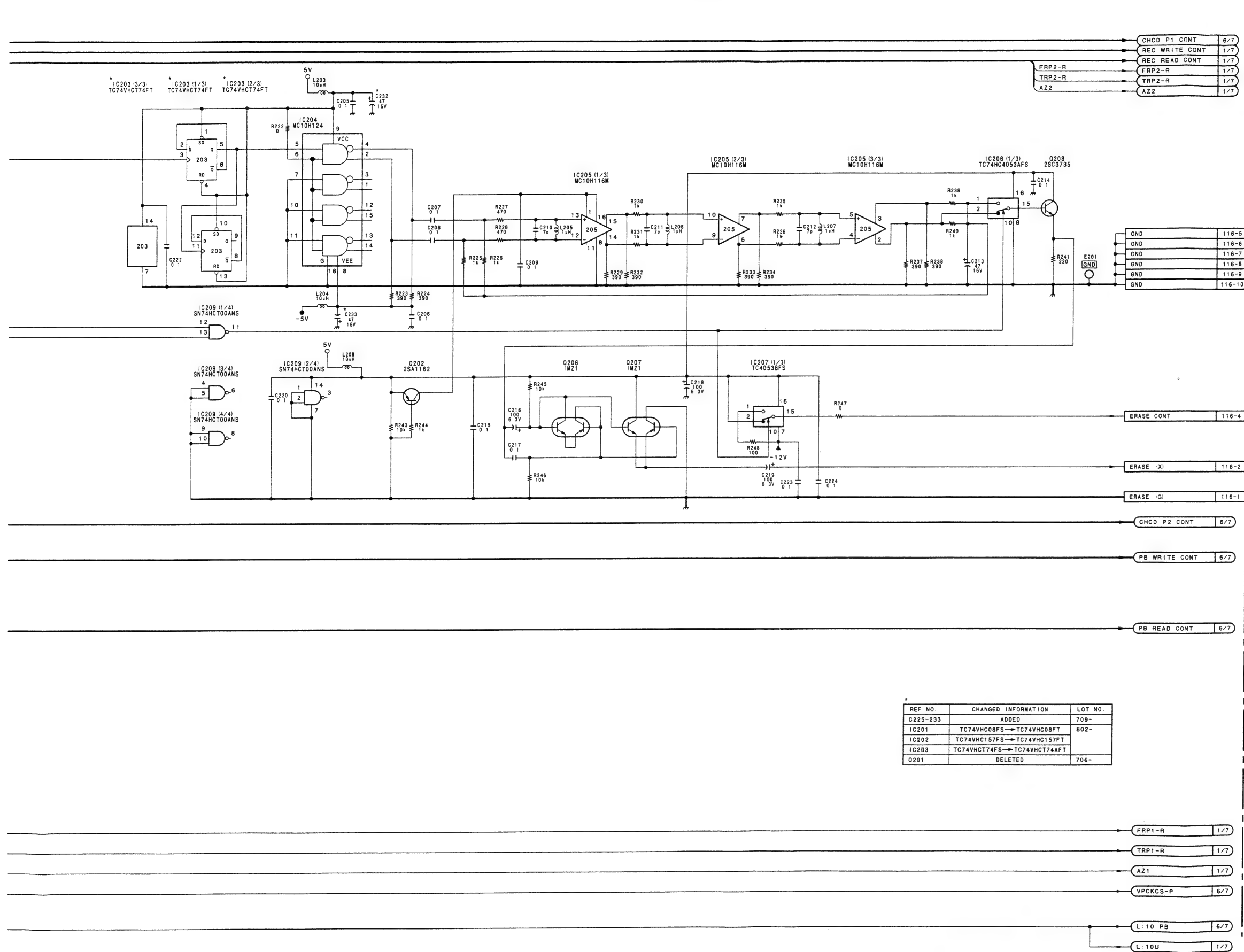






DSR-80/80P

DSR-80/80P



| REF NO.  | CHANGED INFORMATION         | LOT NO. |
|----------|-----------------------------|---------|
| C225-233 | ADDED                       | 709-    |
| IC201    | TC74VHC08FS → TC74VHC08FT   | 802-    |
| IC202    | TC74VHC157FS → TC74VHC157FT |         |
| IC203    | TC74VHC174FS → TC74VHC174FT |         |
| Q201     | DELETED                     | 706-    |

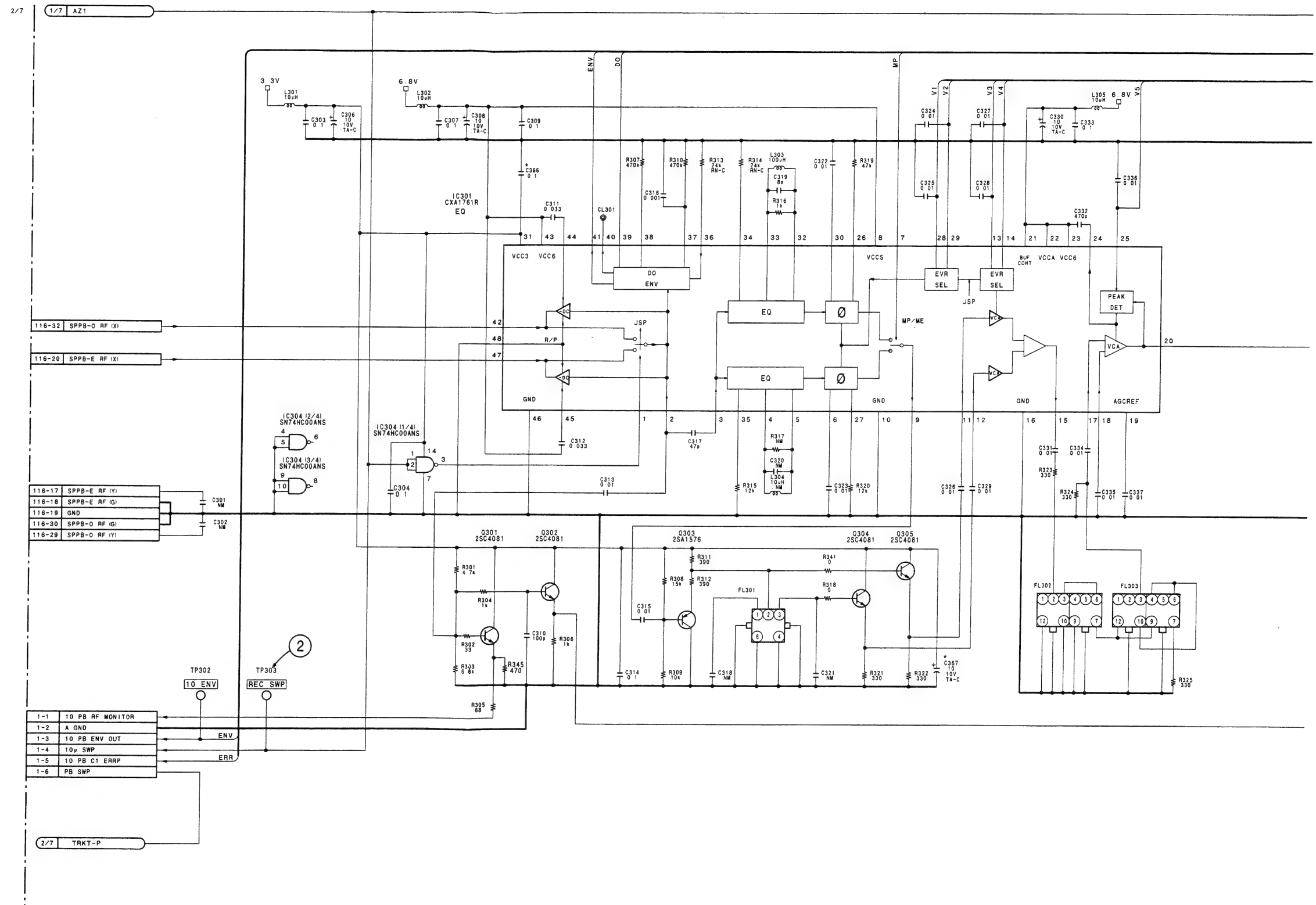
RP-101 (2/7)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P

RP-101 (3/7)

- ① TP301 (MODE: 75% Color Bar/PB (NTSC))  
② TP303 (MODE: 100% Color Bar/PB (PAL))

A2 1.2 V ΔV1 0.88 V

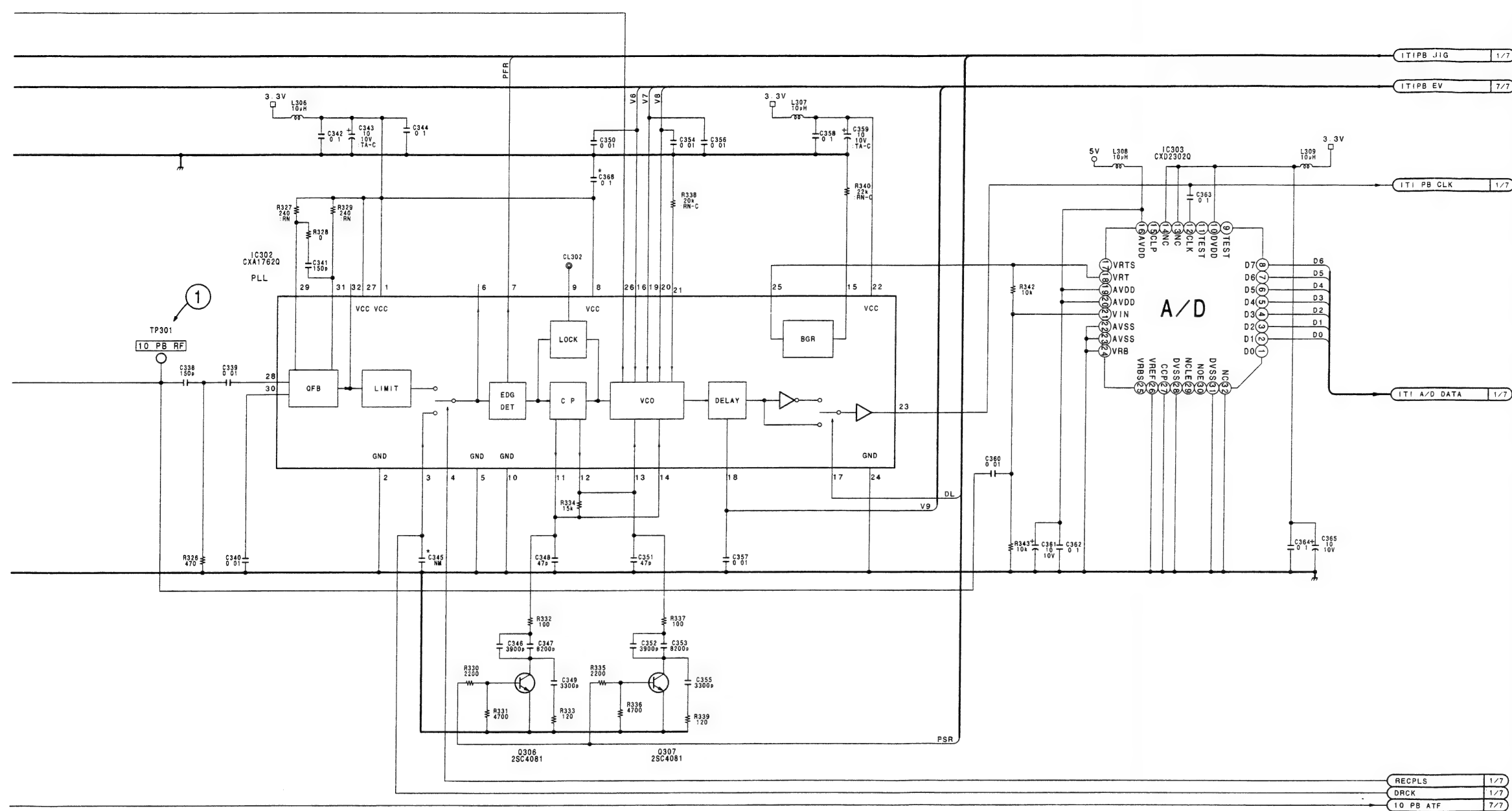
500ms 5V 1ms



13-94 (a)

13-94 (a)

DSR-80/80P



| REF NO.  | CHANGED INFORMATION | LOT NO. |
|----------|---------------------|---------|
| C345     | DELETED             | 709-    |
| C366-368 | ADDED               |         |
| Q308     | DELETED             |         |
| R344     |                     |         |

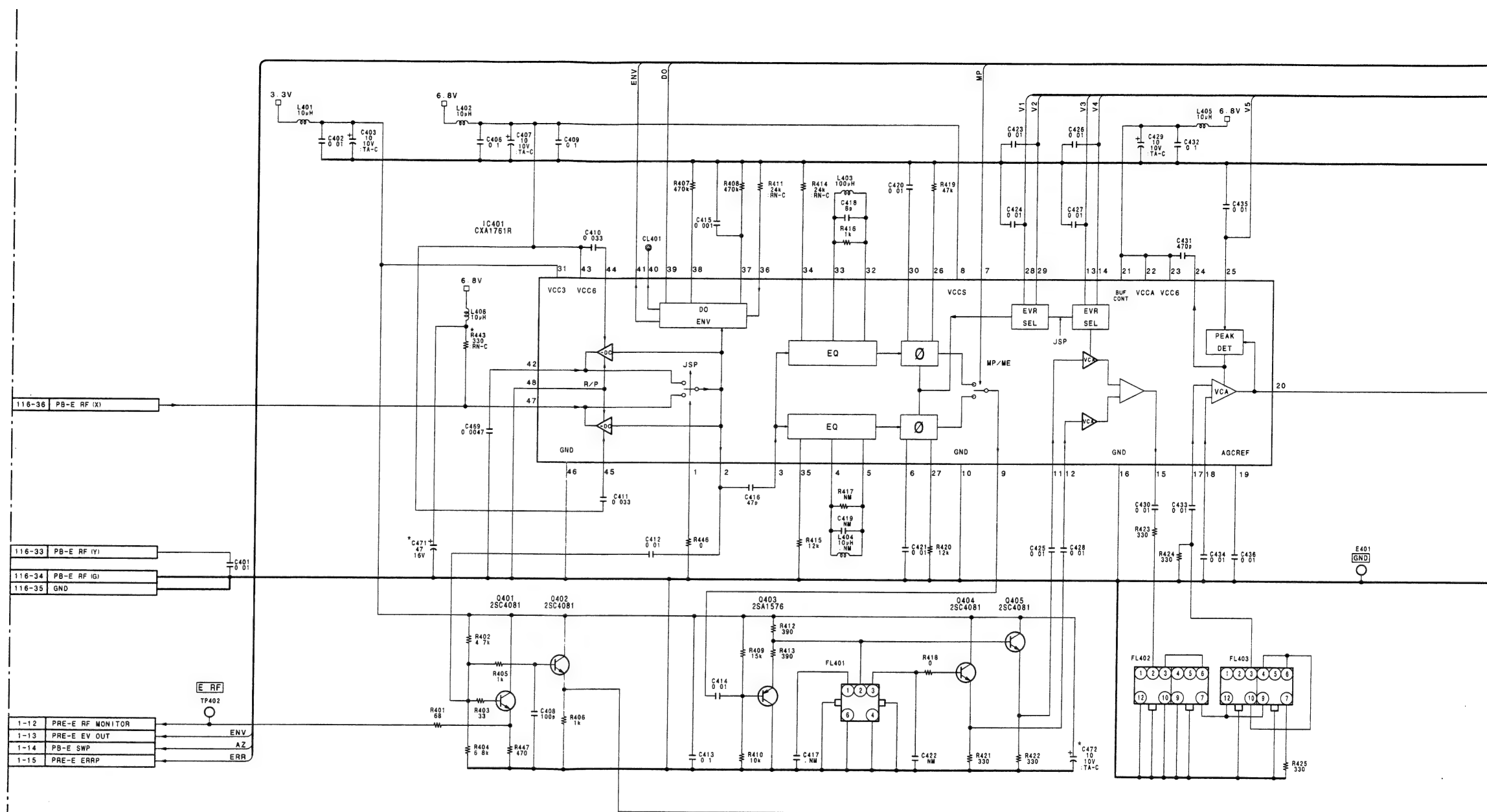
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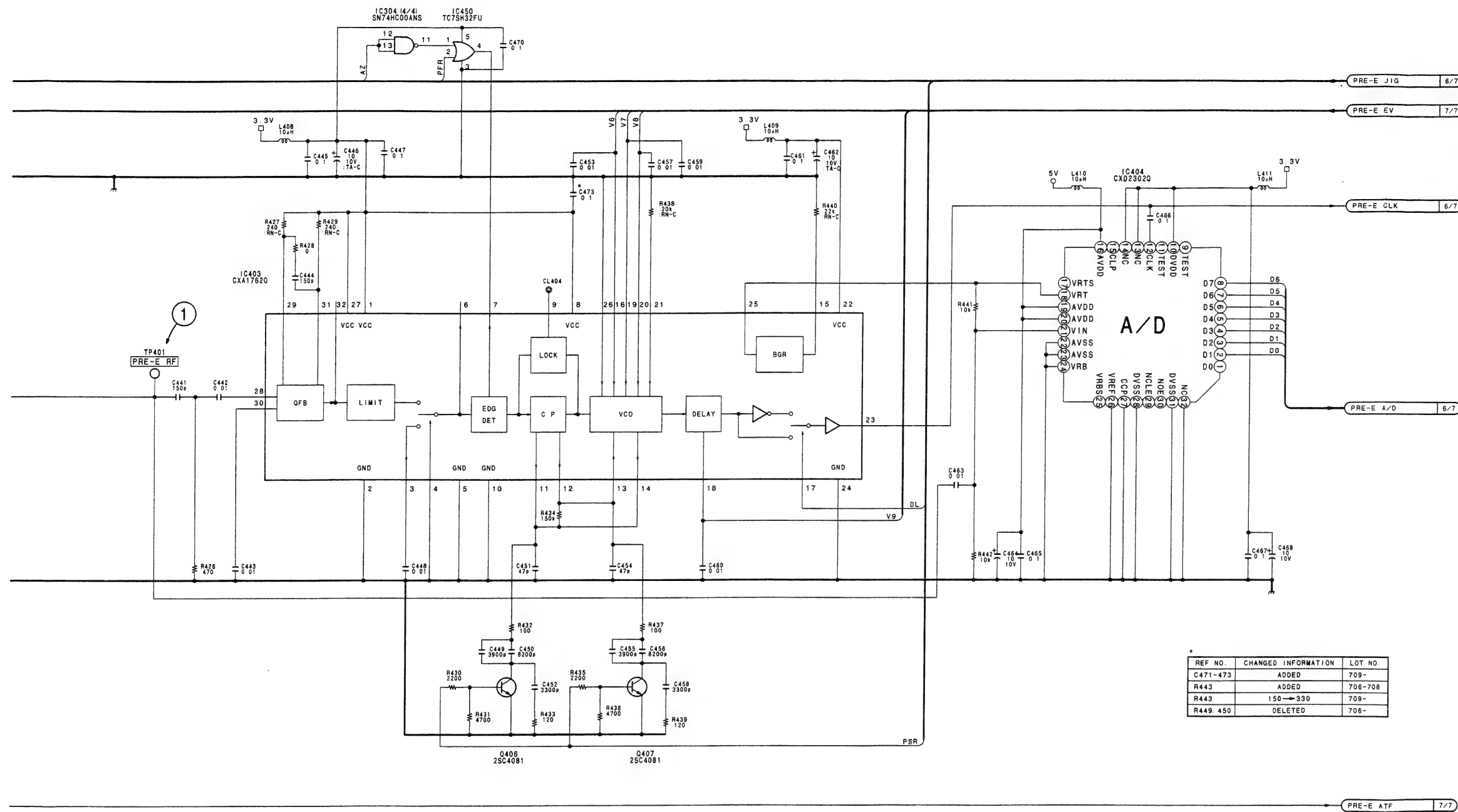


13-96 (a)

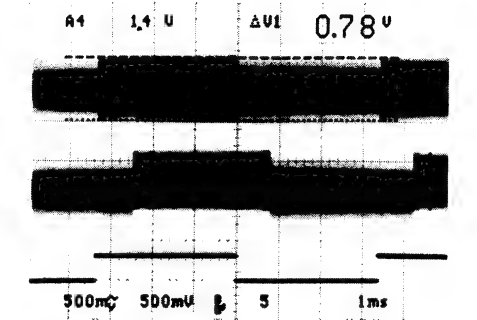
13-96 (a)

DSR-80/80P

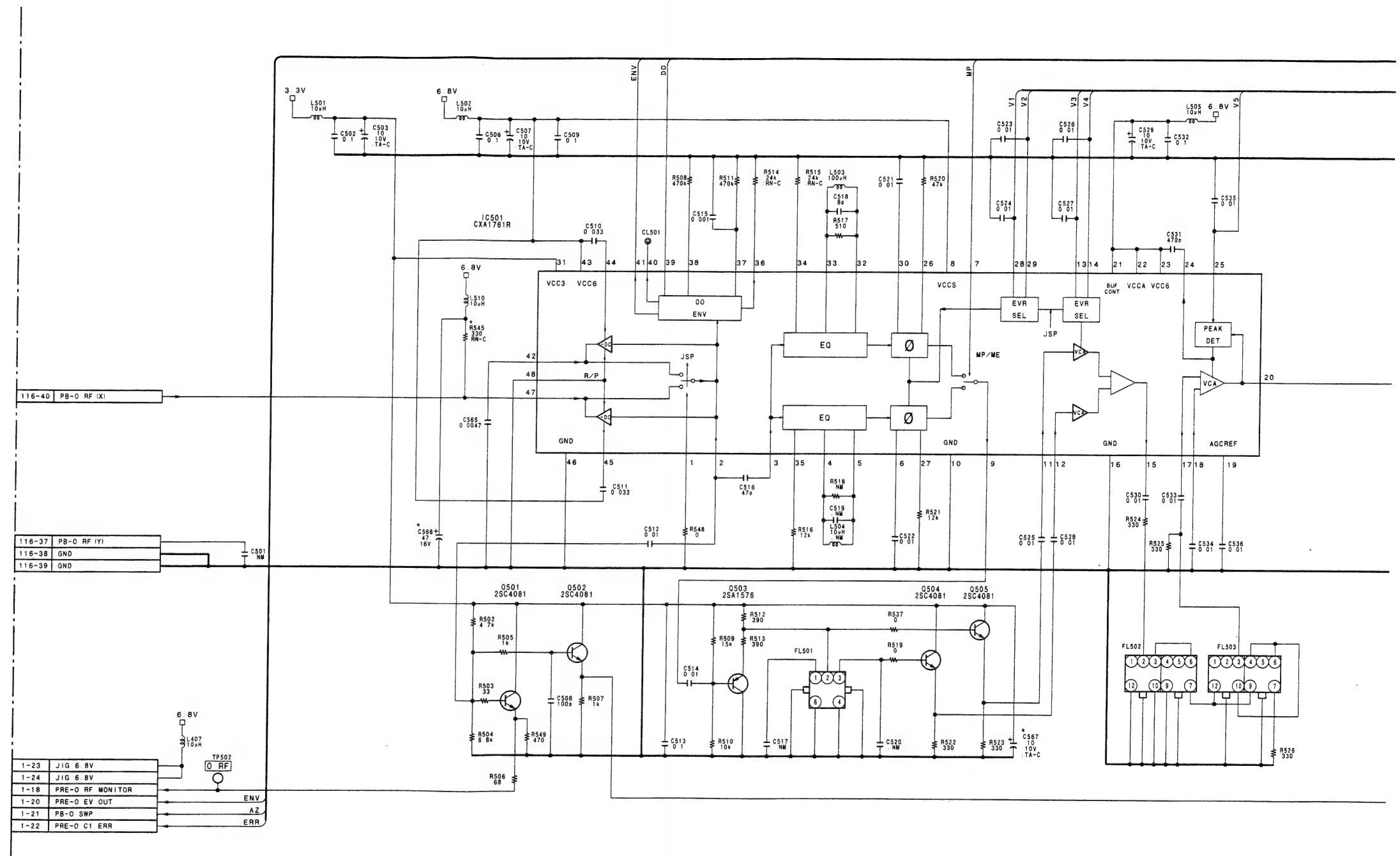




- ① TP401 MODE: 75% Color Bar/PB (NTSC)  
① TP501 MODE: 100% Color Bar/PB (PAL)  
② TP303

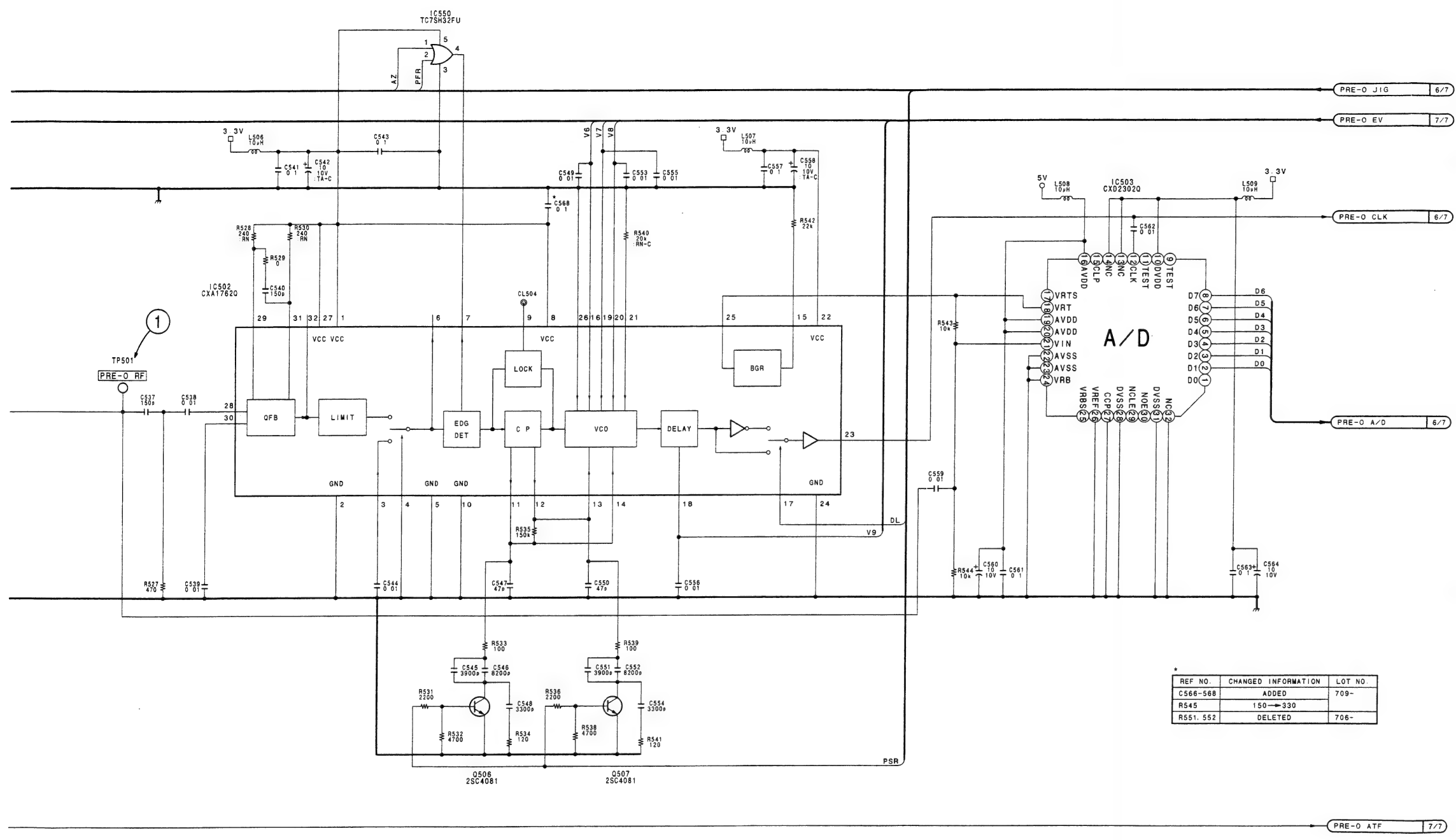


| REF NO.   | CHANGED INFORMATION | LOT NO  |
|-----------|---------------------|---------|
| C471-473  | ADDED               | 709-    |
| R443      | ADDED               | 706-708 |
| R443      | 150 → 330           | 709-    |
| R449. 450 | DELETED             | 706-    |

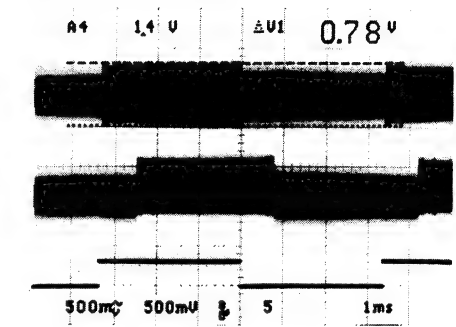


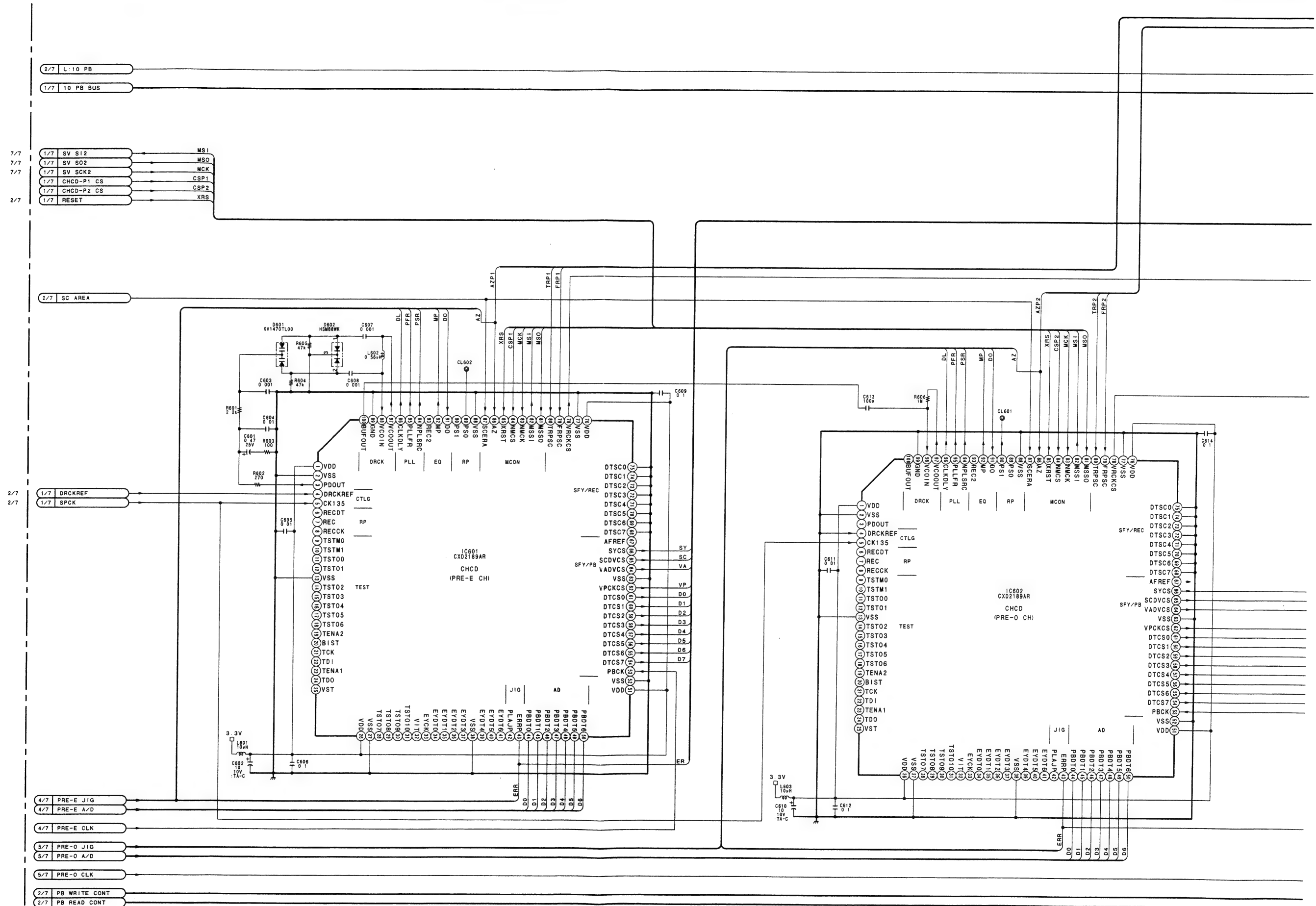
13-98 (a)

13-98 (a)

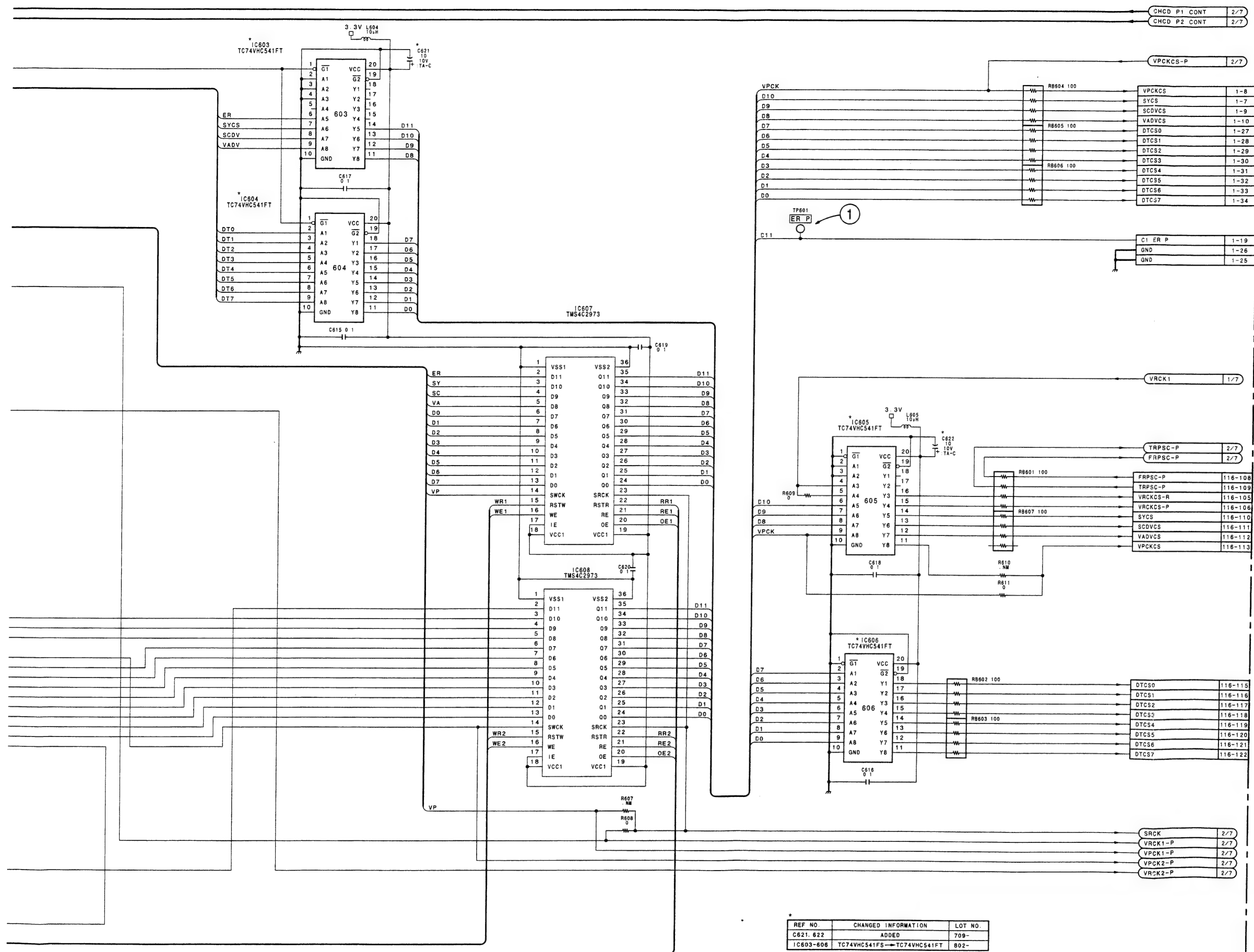


- ① TP401 MODE: 75% Color Bar/PB (NTSC)
- ① TP501 MODE: 100% Color Bar/PB (PAL)
- ② TP303



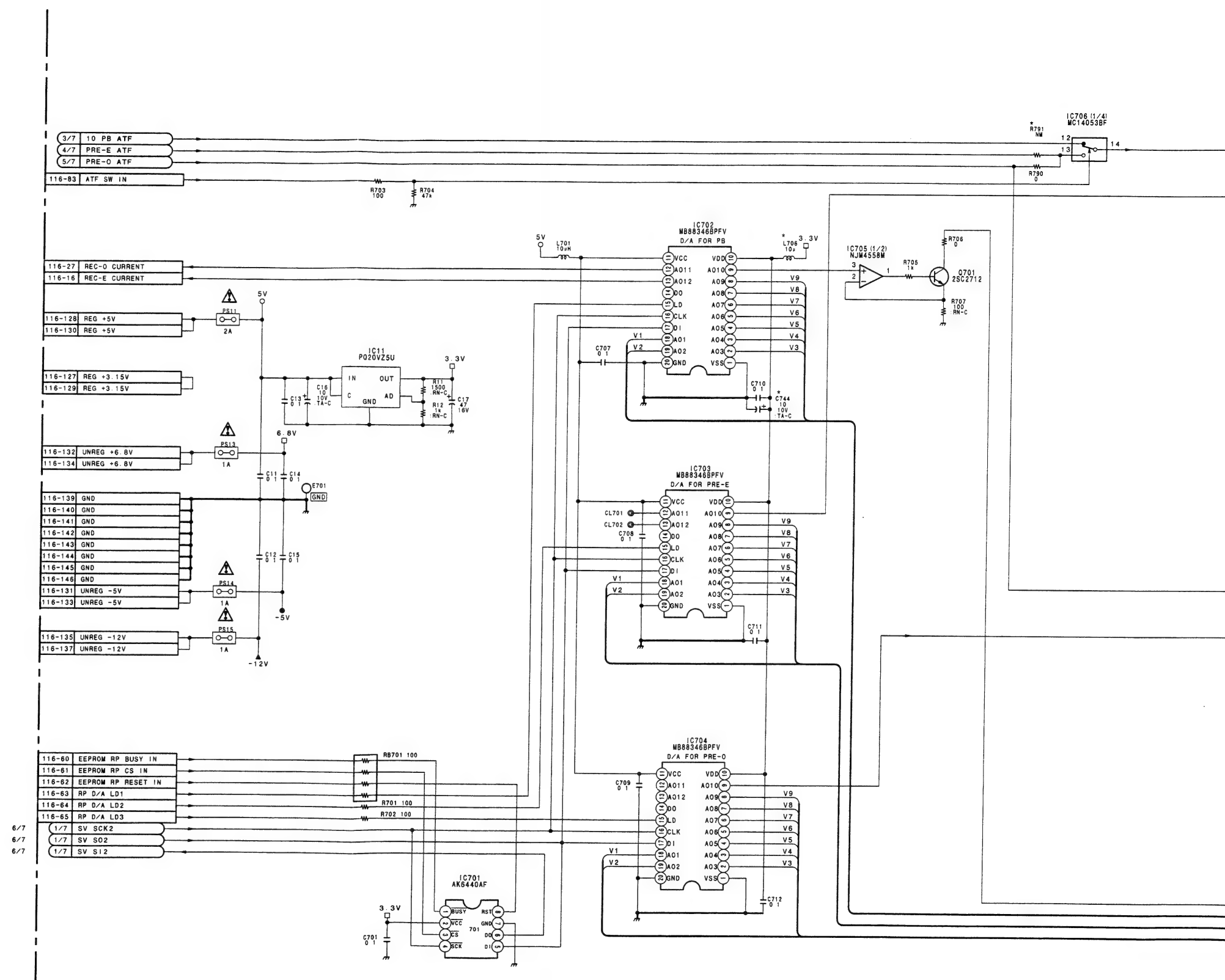






| REF. NO.  | CHANGED INFORMATION         | LOT NO. |
|-----------|-----------------------------|---------|
| C621, 622 | ADDED                       | 709-    |
| IC603-606 | TC74VHC541FS → TC74VHC541FT | 802-    |

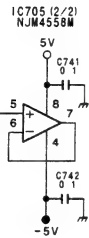
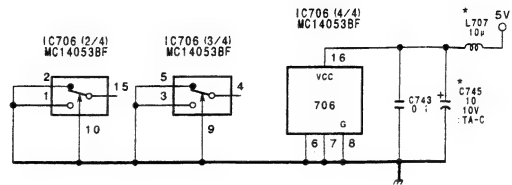
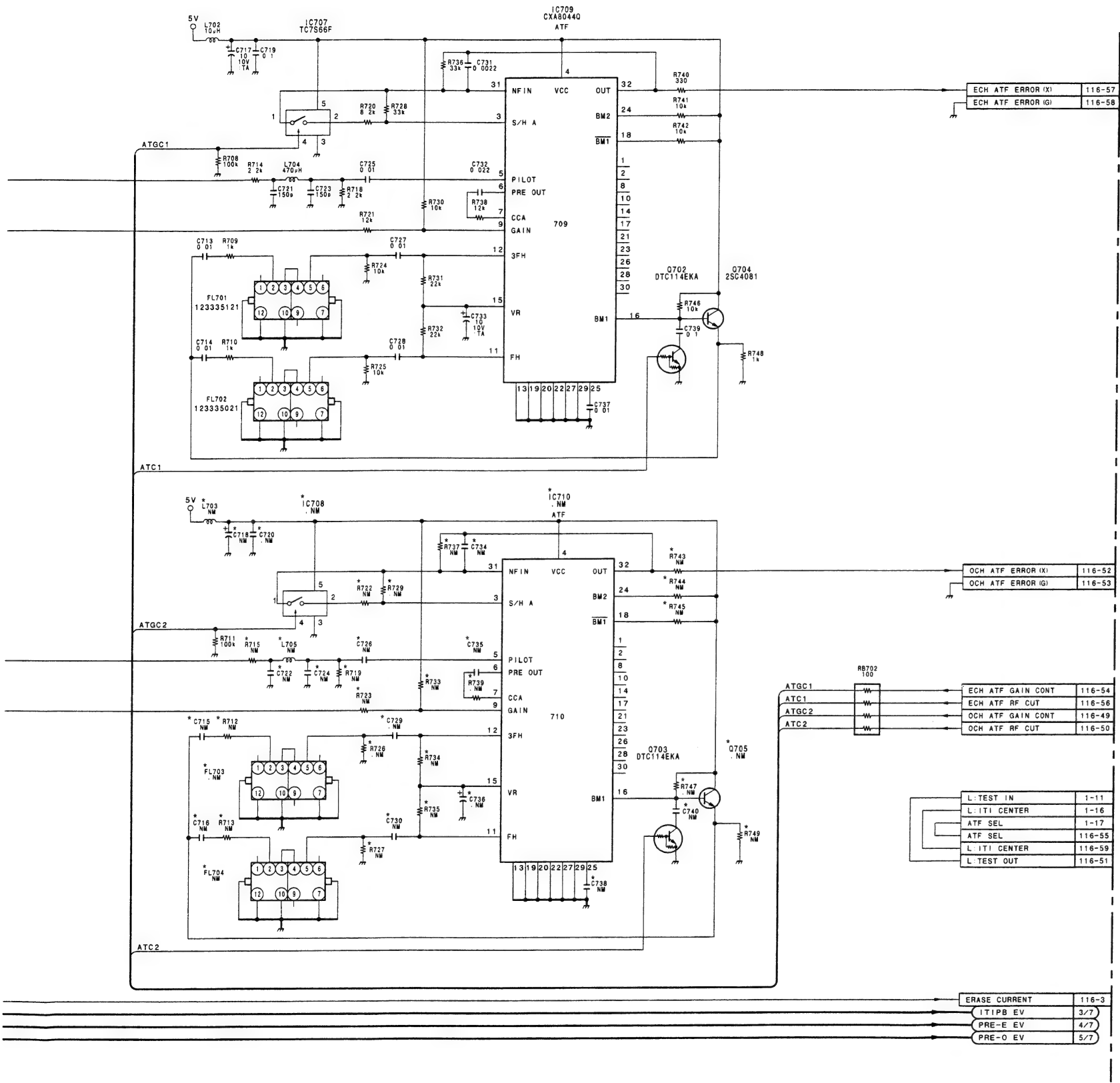
**RP-101 (6/7)**  
BOARD SUFFIX : -13  
MODEL DSR-80/80P



13-102 (a)

13-102 (a)

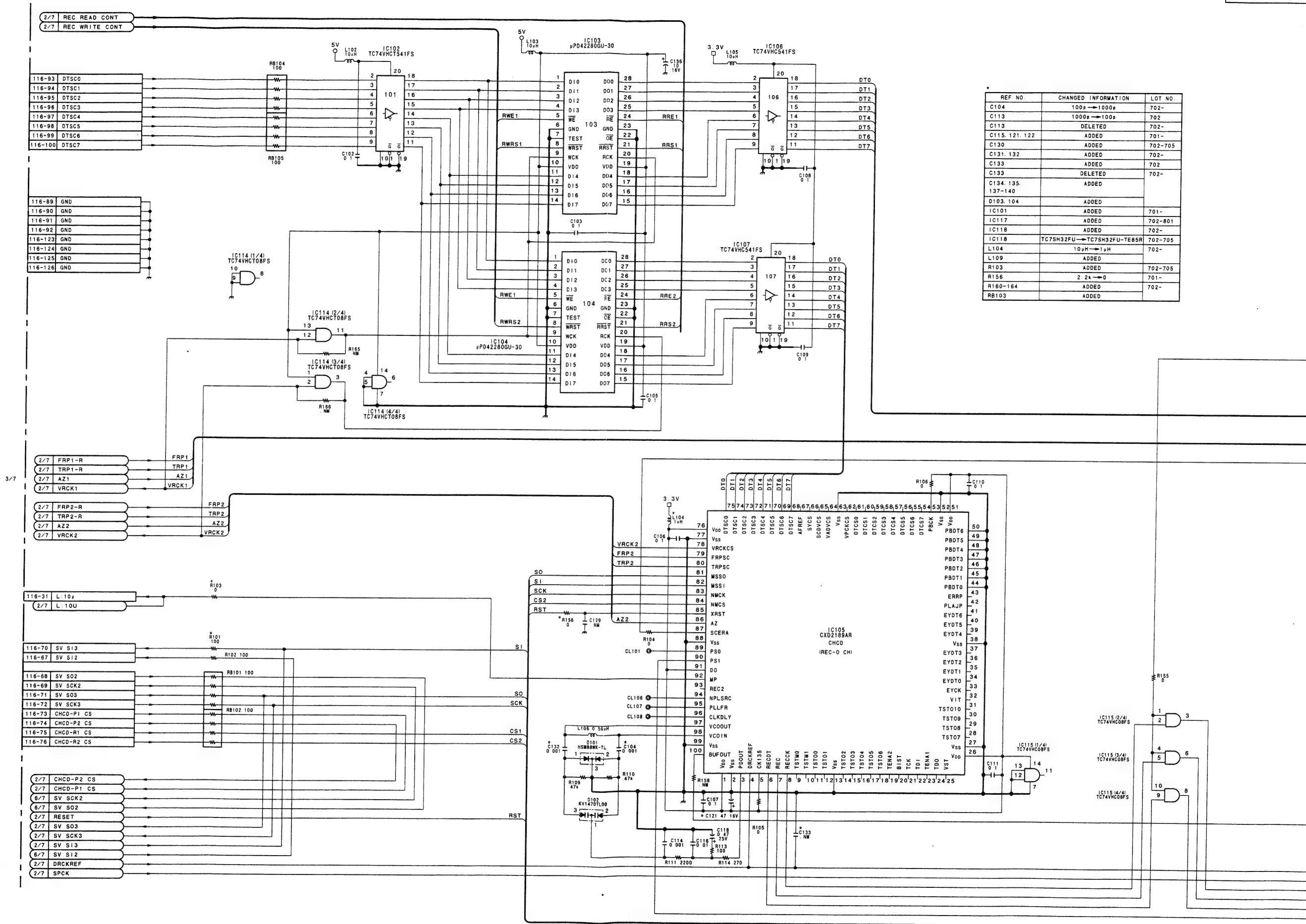
DSR-80/80P



| REF NO                   | CHANGED INFORMATION | LOT NO. |
|--------------------------|---------------------|---------|
| C715, 716, 718, 720, 722 | DELETED             | 706-    |
| C724, 726, 729, 730      |                     |         |
| C734-736, 738, 740       |                     |         |
| C744, 745                | ADDED               | 709-    |
| FL703, 704               | DELETED             | 706-    |
| IC708, 710               |                     |         |
| L703, 704                |                     |         |
| L706, 707                | ADDED               | 709-    |
| Q705                     | DELETED             | 706-    |
| R712, 713, 715, 719, 722 |                     |         |
| R723, 726, 727, 729      |                     |         |
| R733-735, 737, 739       |                     |         |
| R743-745, 747, 749       |                     |         |

|              |        |
|--------------|--------|
| L TEST IN    | 1-11   |
| L ITI CENTER | 1-16   |
| ATF SEL      | 1-17   |
| ATF SEL      | 116-55 |
| L ITI CENTER | 116-59 |
| L TEST OUT   | 116-51 |

**RP-101 (1/7): REC/PB HEAD AMP, RF A/D**

**DSR-80/80P**

| REF NO                | CHANGED INFORMATION       | LOT NO  |
|-----------------------|---------------------------|---------|
| C104                  | 100 $\mu$ →100 $\mu$      | 702-    |
| C113                  | 1000 $\mu$ →100 $\mu$     | 702     |
| C113                  | DELETED                   | 702-    |
| C115, 121, 122        | ADDED                     | 701-    |
| C130                  | ADDED                     | 702-705 |
| C131, 132             | ADDED                     | 702-    |
| C133                  | ADDED                     | 702     |
| C133                  | DELETED                   | 702-    |
| C134, 135,<br>137-140 | ADDED                     |         |
| D103, 104             | ADDED                     |         |
| IC101                 | ADDED                     | 701-    |
| IC117                 | ADDED                     | 702-801 |
| IC118                 | ADDED                     | 702-    |
| IC118                 | TC7SH32FU→TC7SH32FU-TE58A | 702-705 |
| L104                  | 10 $\mu$ H→1 $\mu$ H      | 702-    |
| L109                  | ADDED                     |         |
| R103                  | ADDED                     | 702-705 |
| R156                  | 2 2k→0                    | 701-    |
| R160-164              | ADDED                     | 702-    |
| RB103                 | ADDED                     |         |





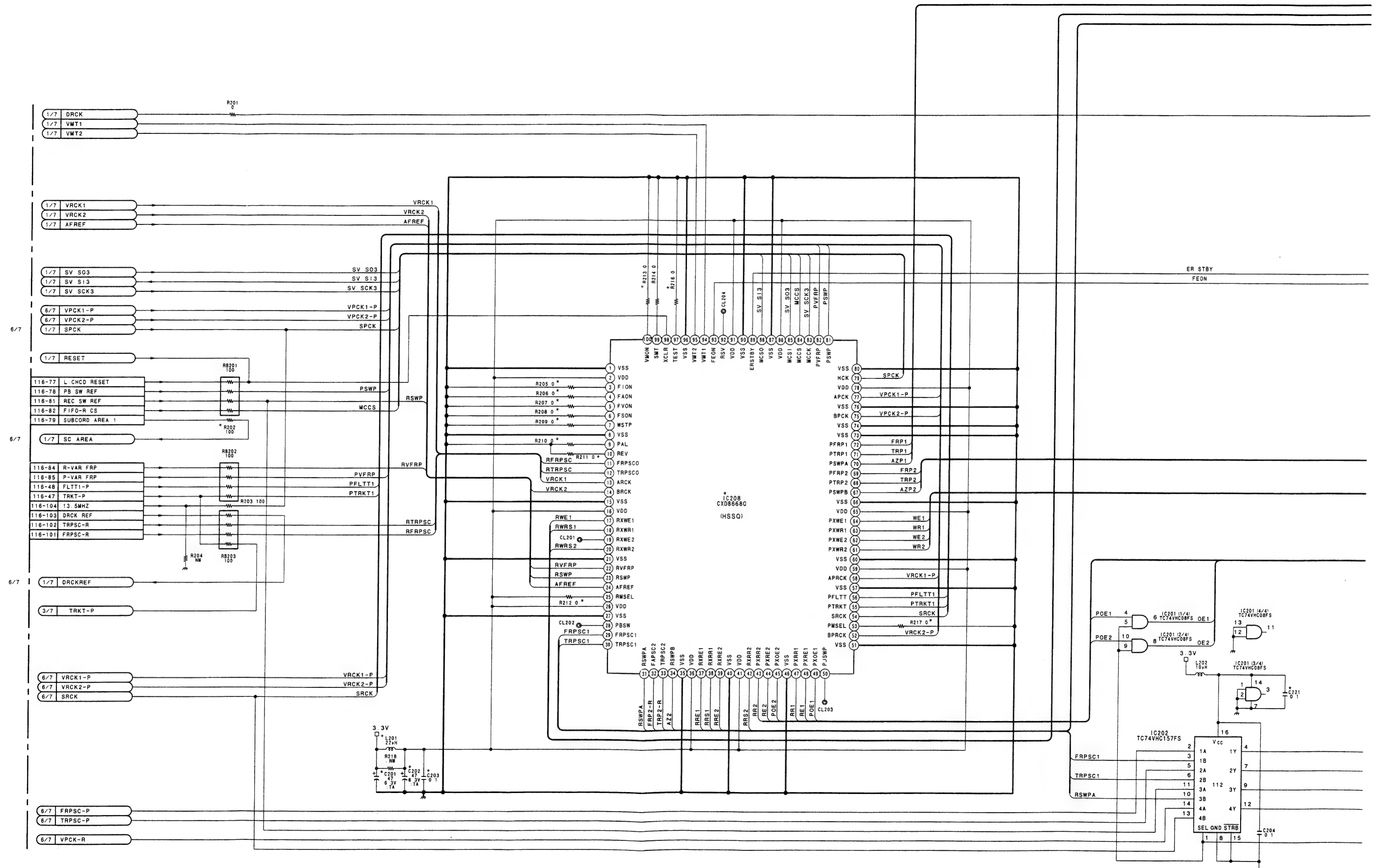
1

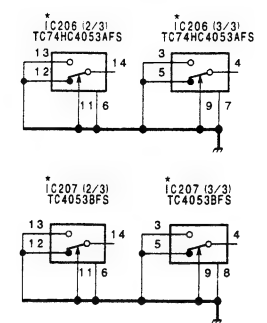
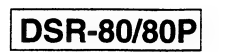
2

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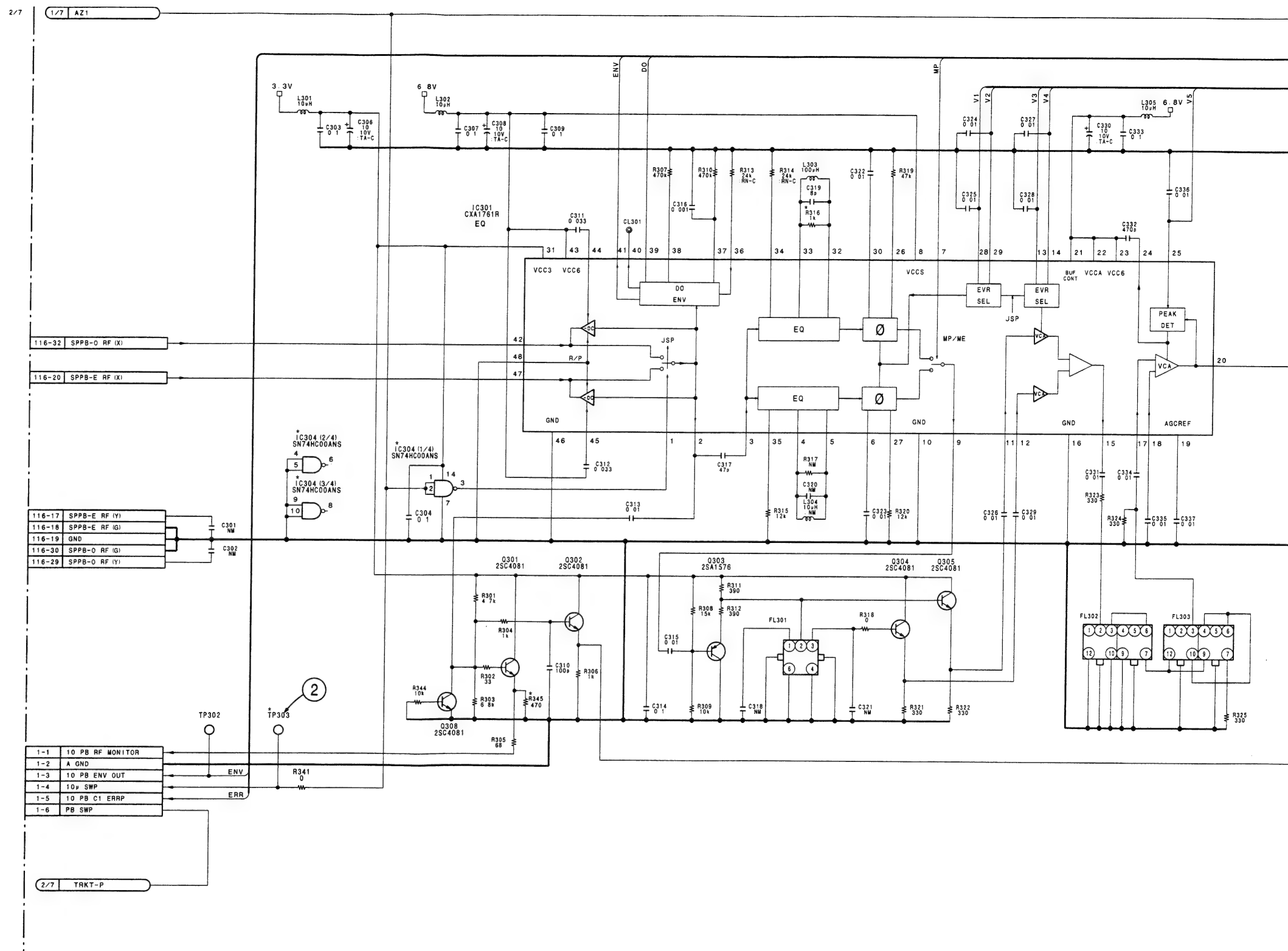
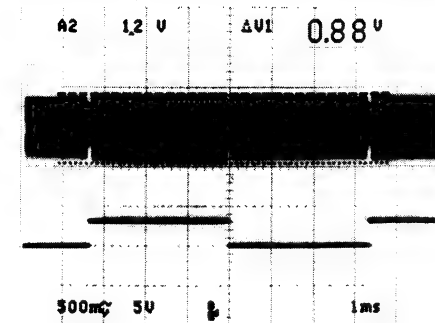


**RP-101 (2/7)**  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P

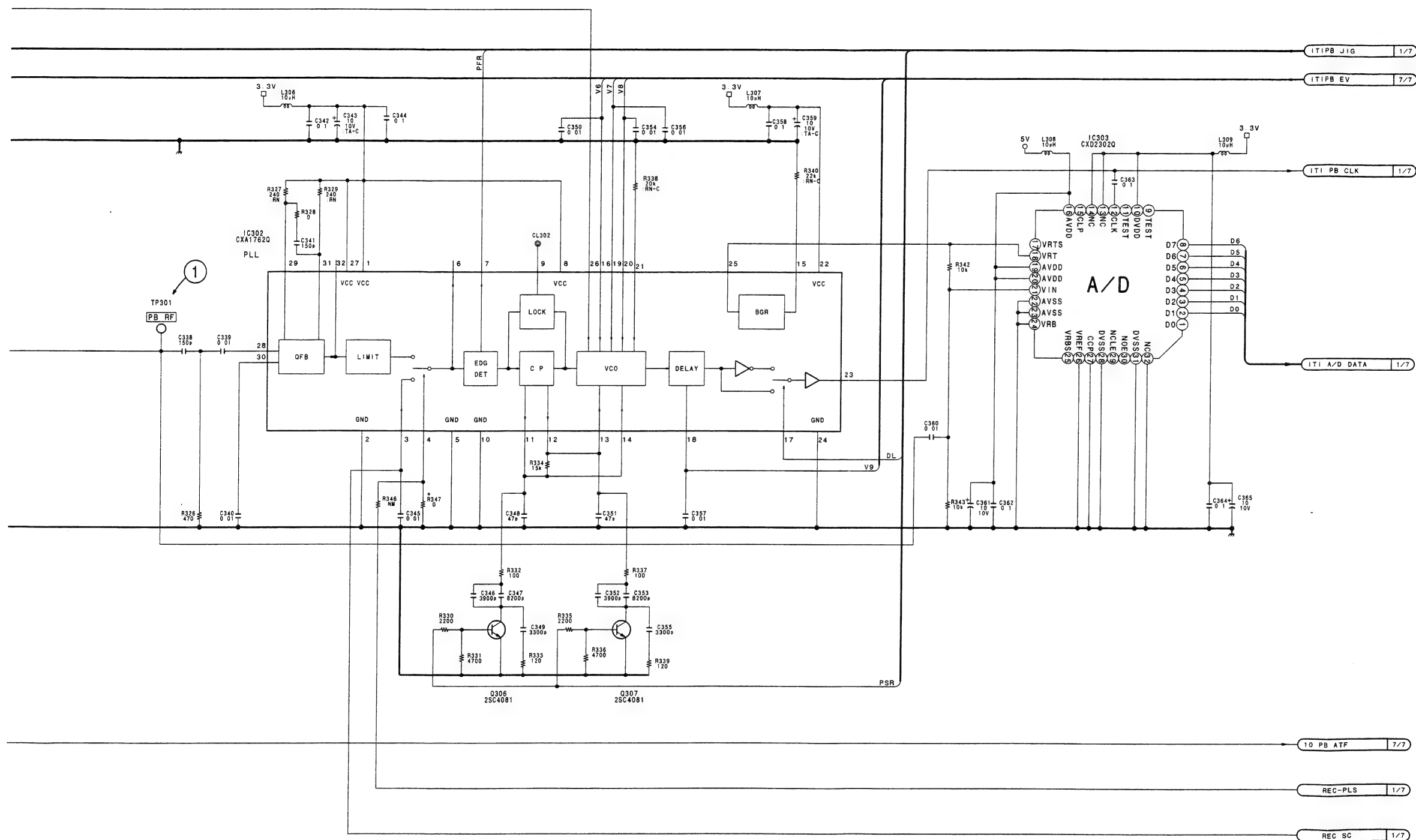
RP-101 (3/7): REC/PB HEAD AMP, RF A/D

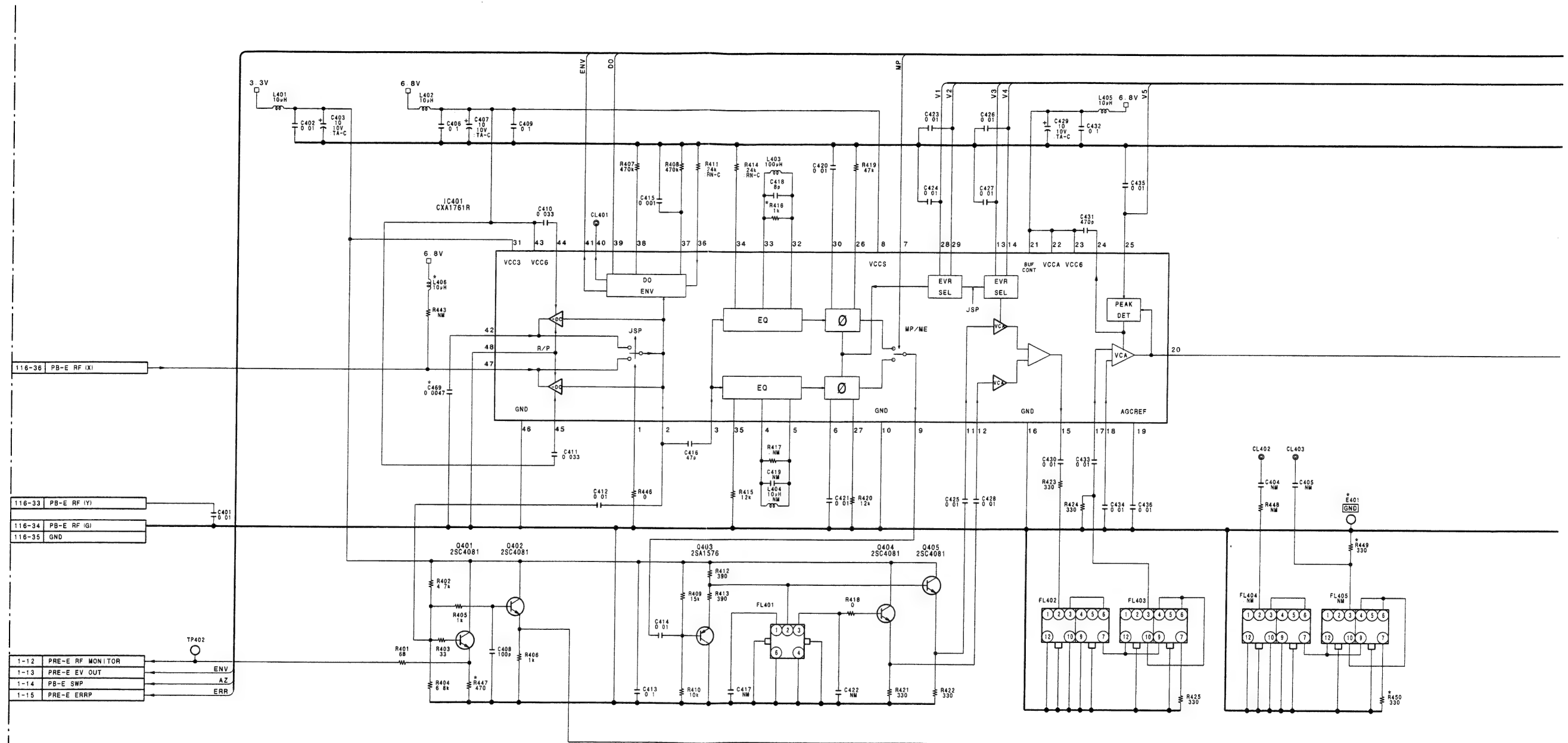
RP-101 (3/7)

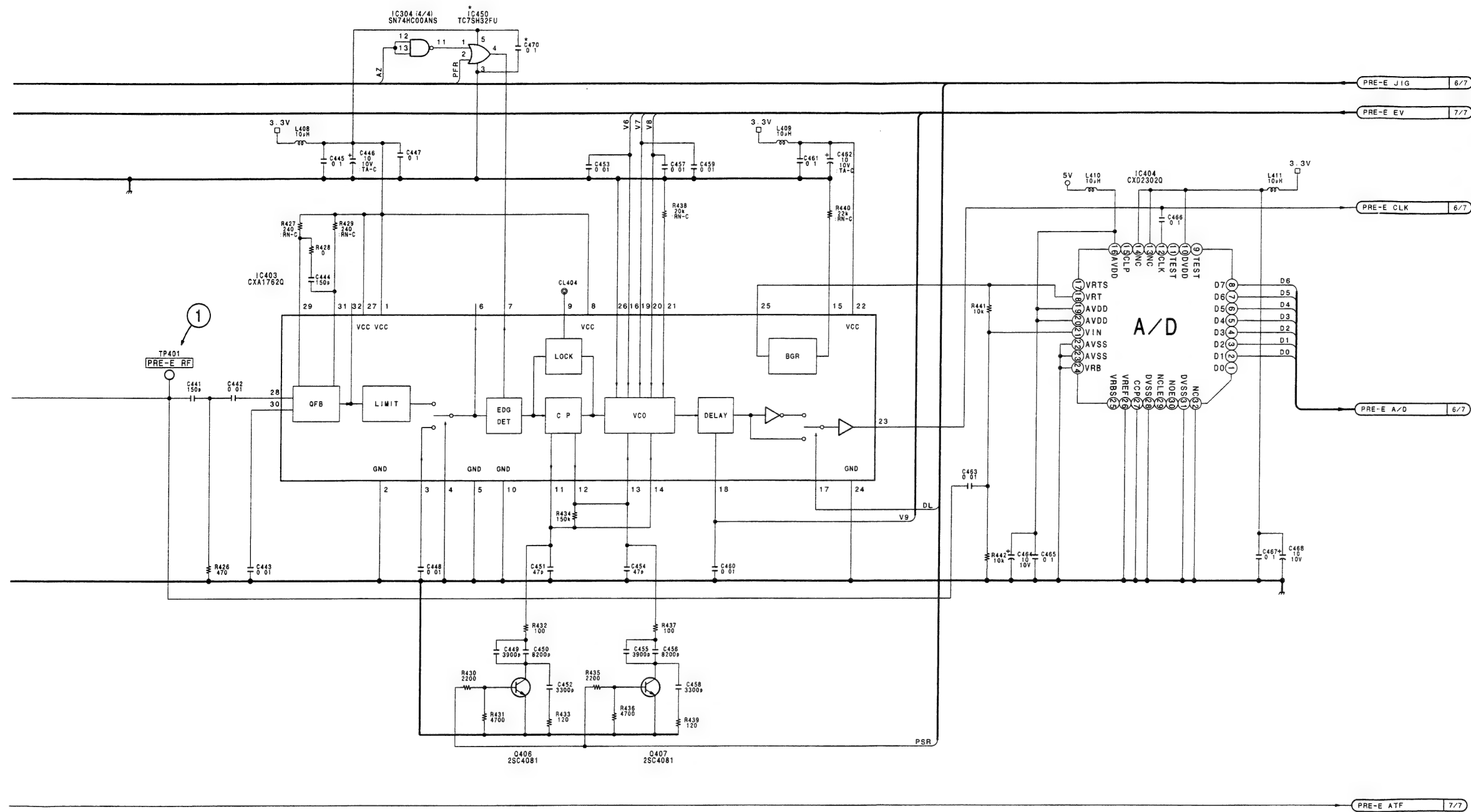
- ① TP301 (MODE: 75% Color Bar/PB (NTSC))  
② TP303 (MODE: 100% Color Bar/PB (PAL))



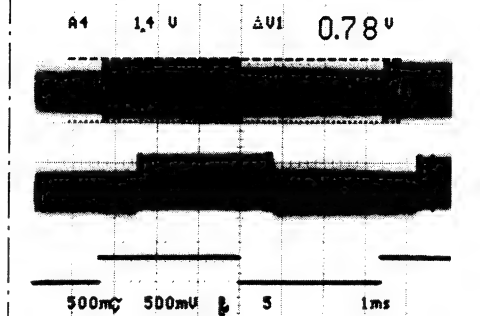


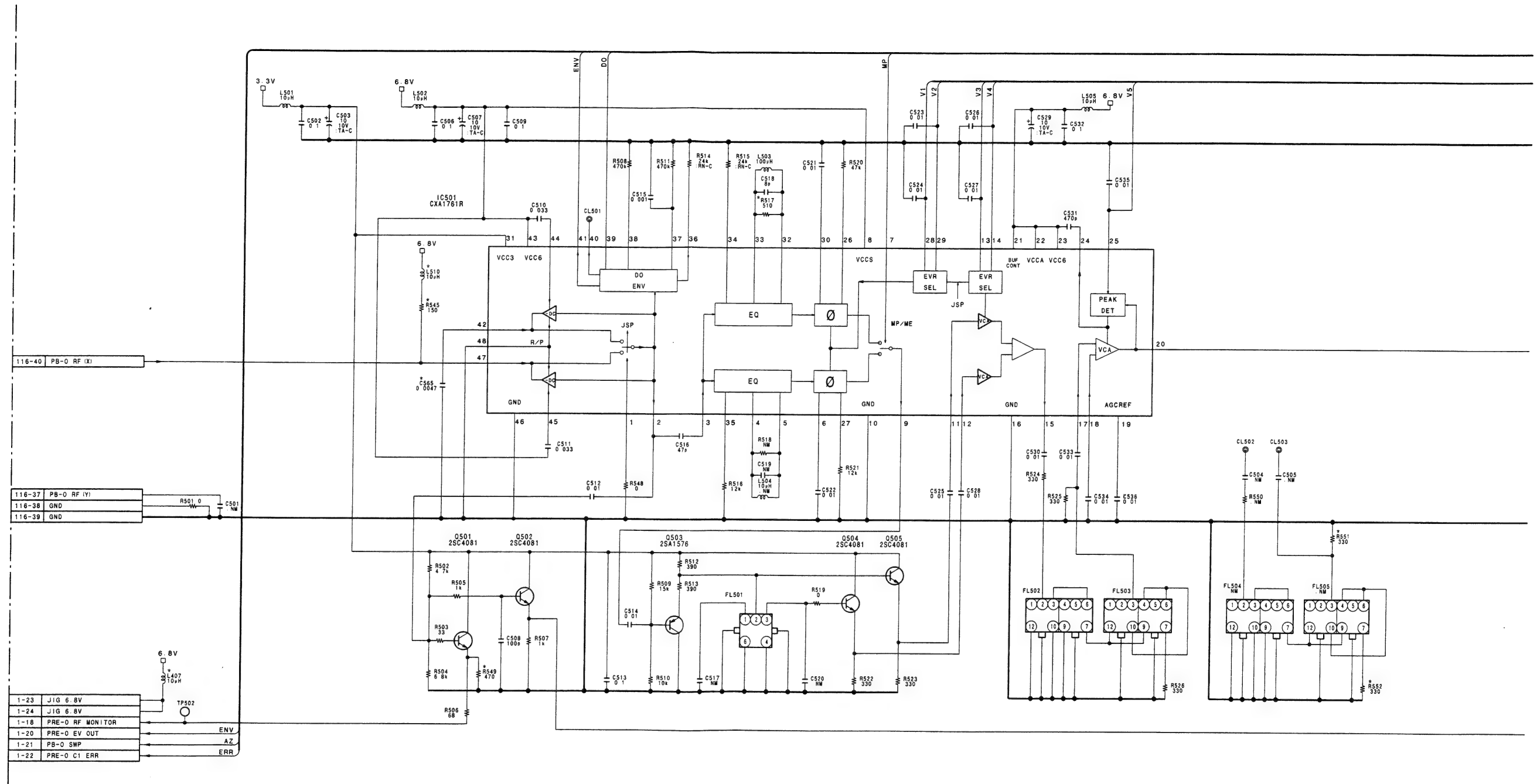






- ① TP401 MODE: 75% Color Bar/PB (NTSC)
- ① TP501 MODE: 100% Color Bar/PB (PAL)
- ② TP303





A

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13-98  
D

13-98  
E

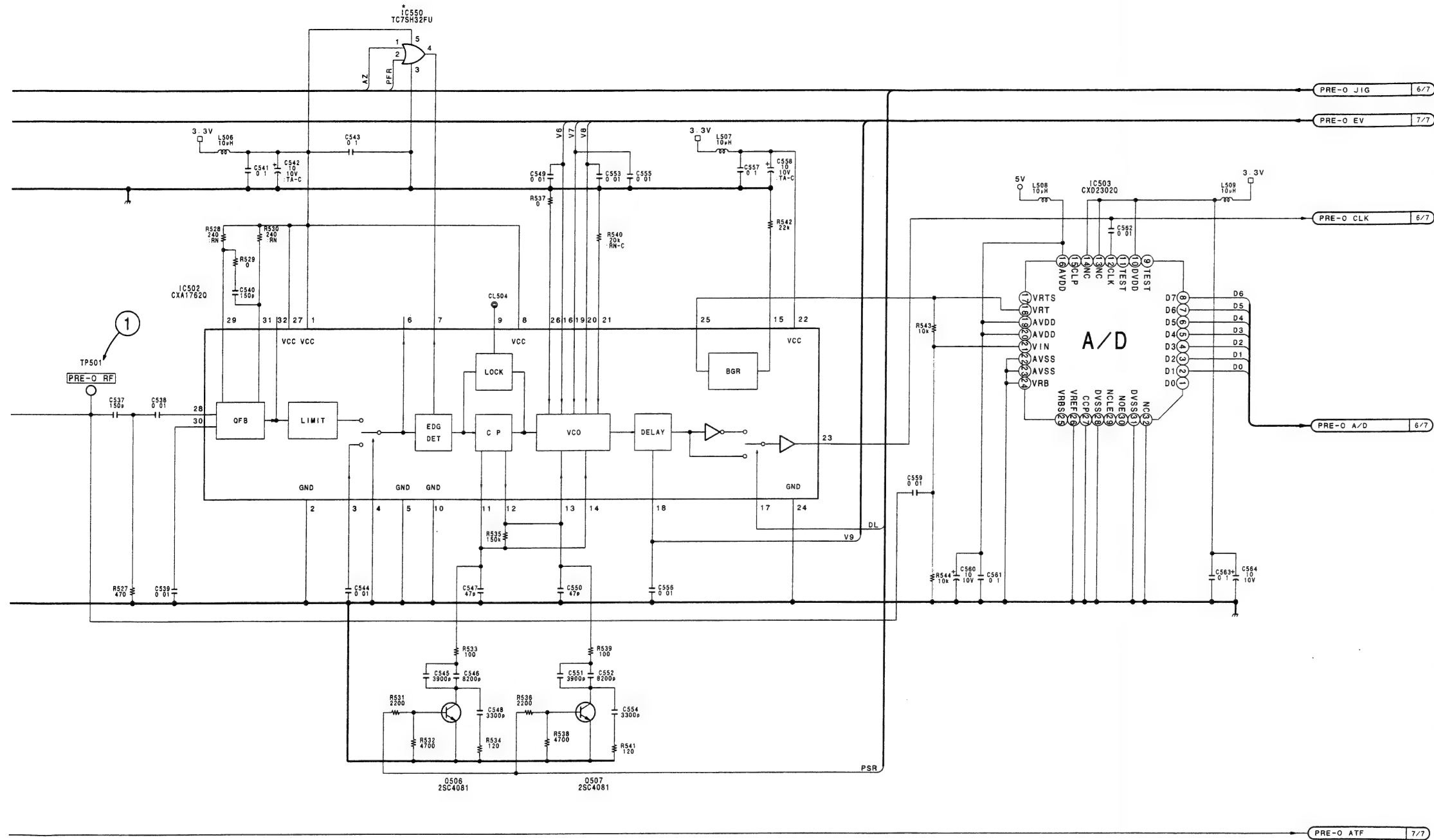
F

G

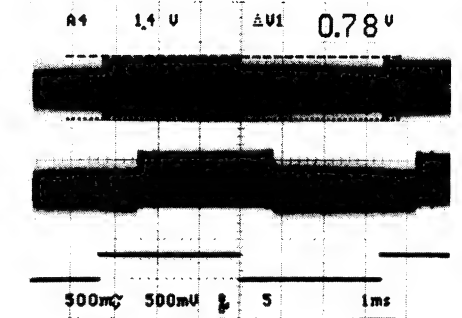
H

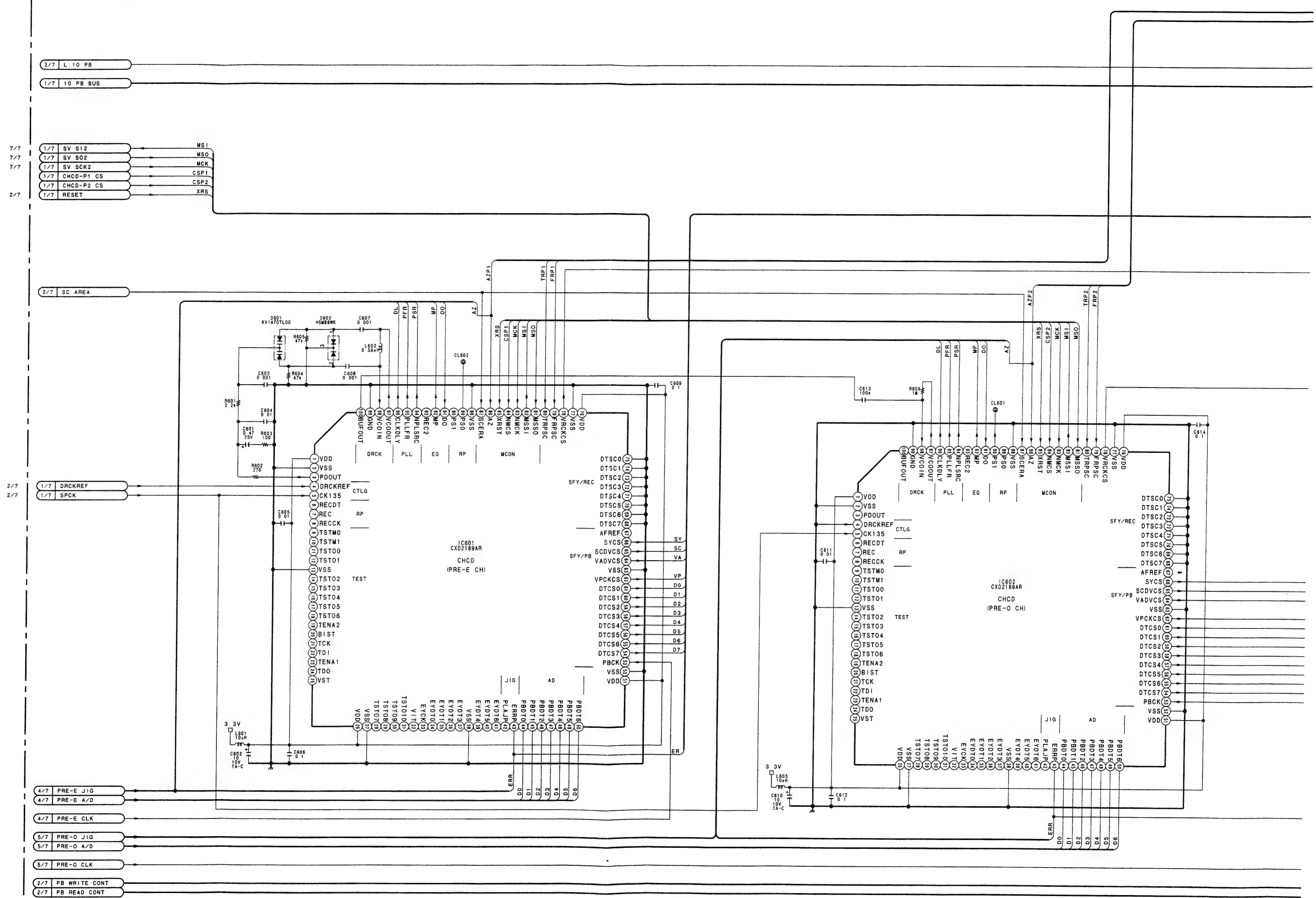
DSR-80/80P

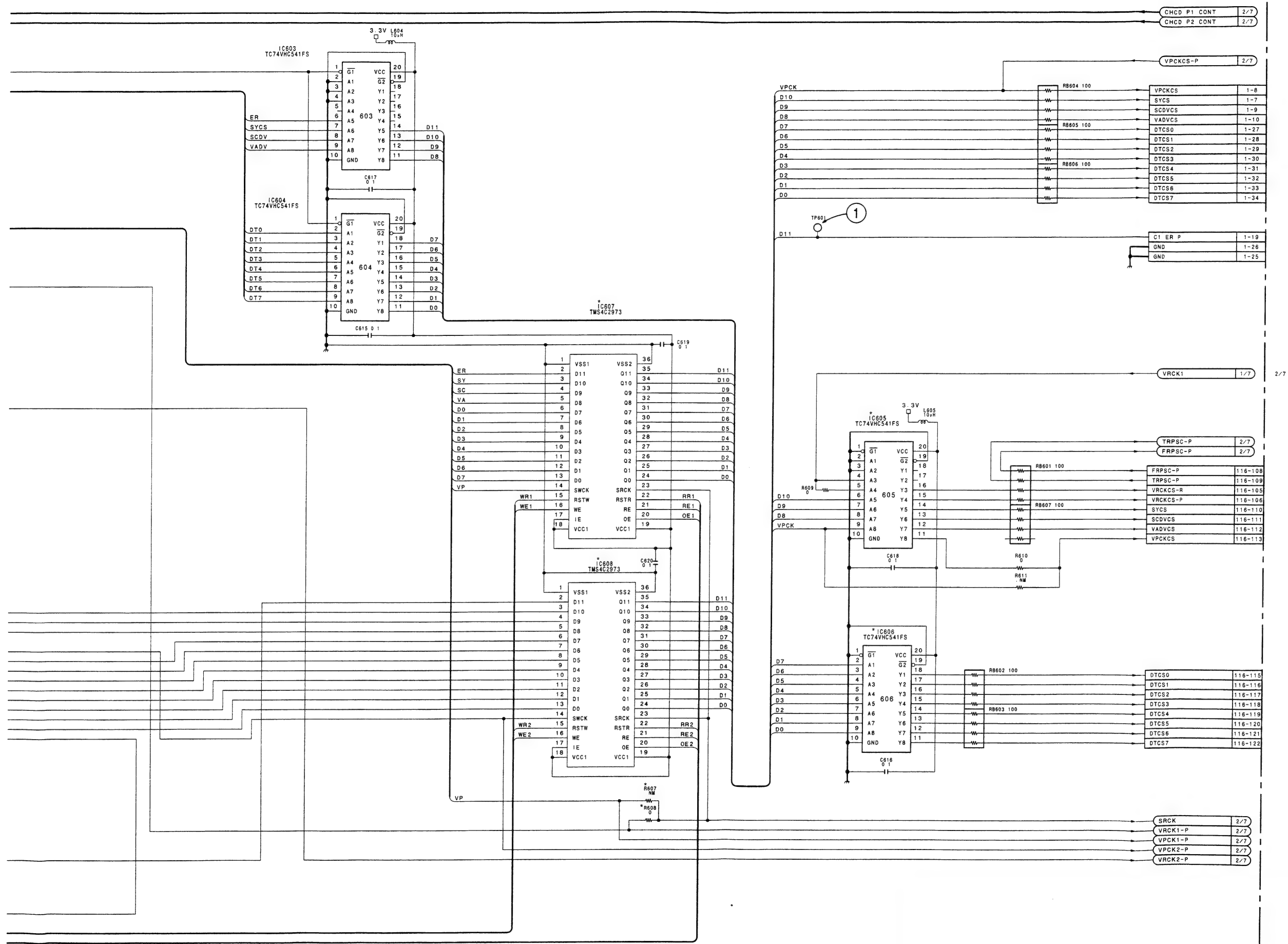


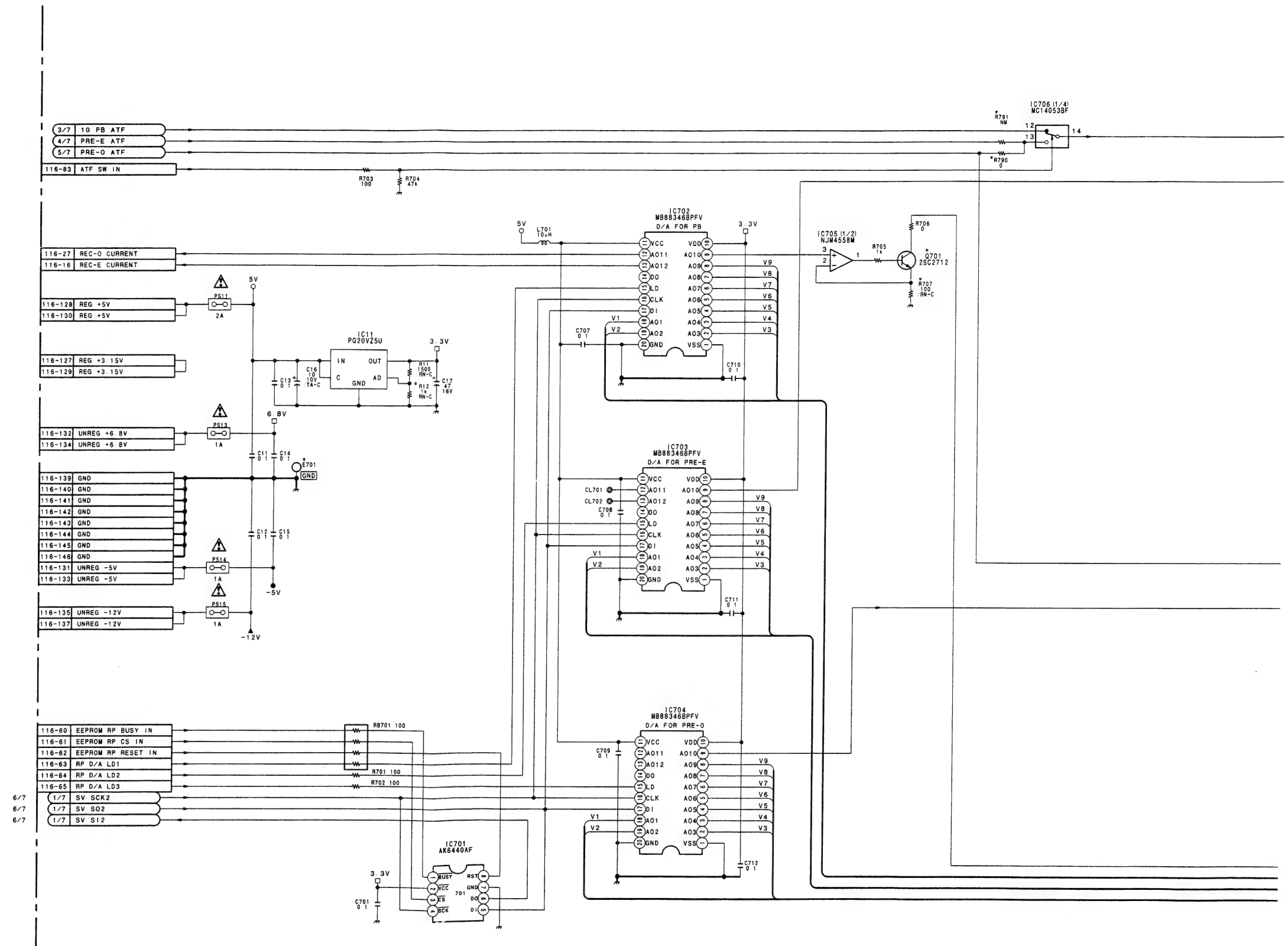


① TP401 MODE: 75% Color Bar/PB (NTSC)  
① TP501 MODE: 100% Color Bar/PB (PAL)  
② TP303

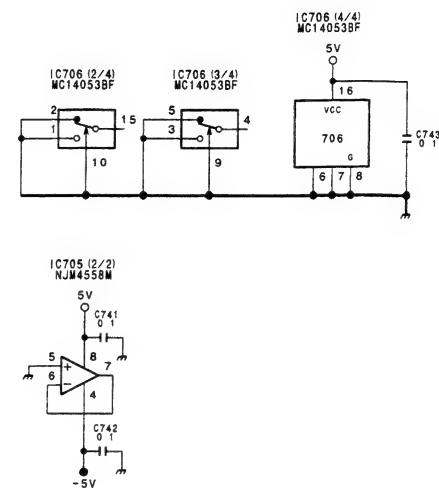


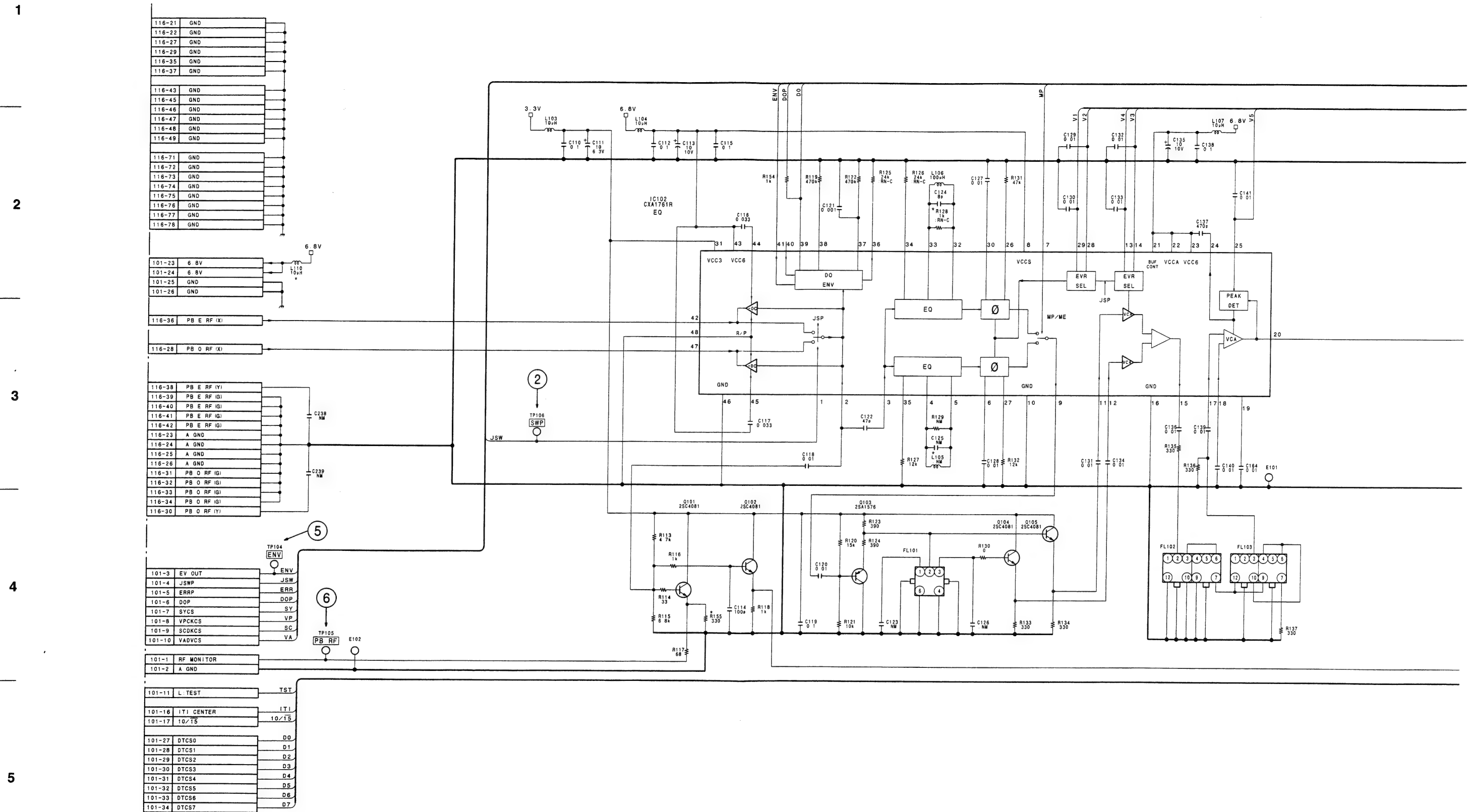


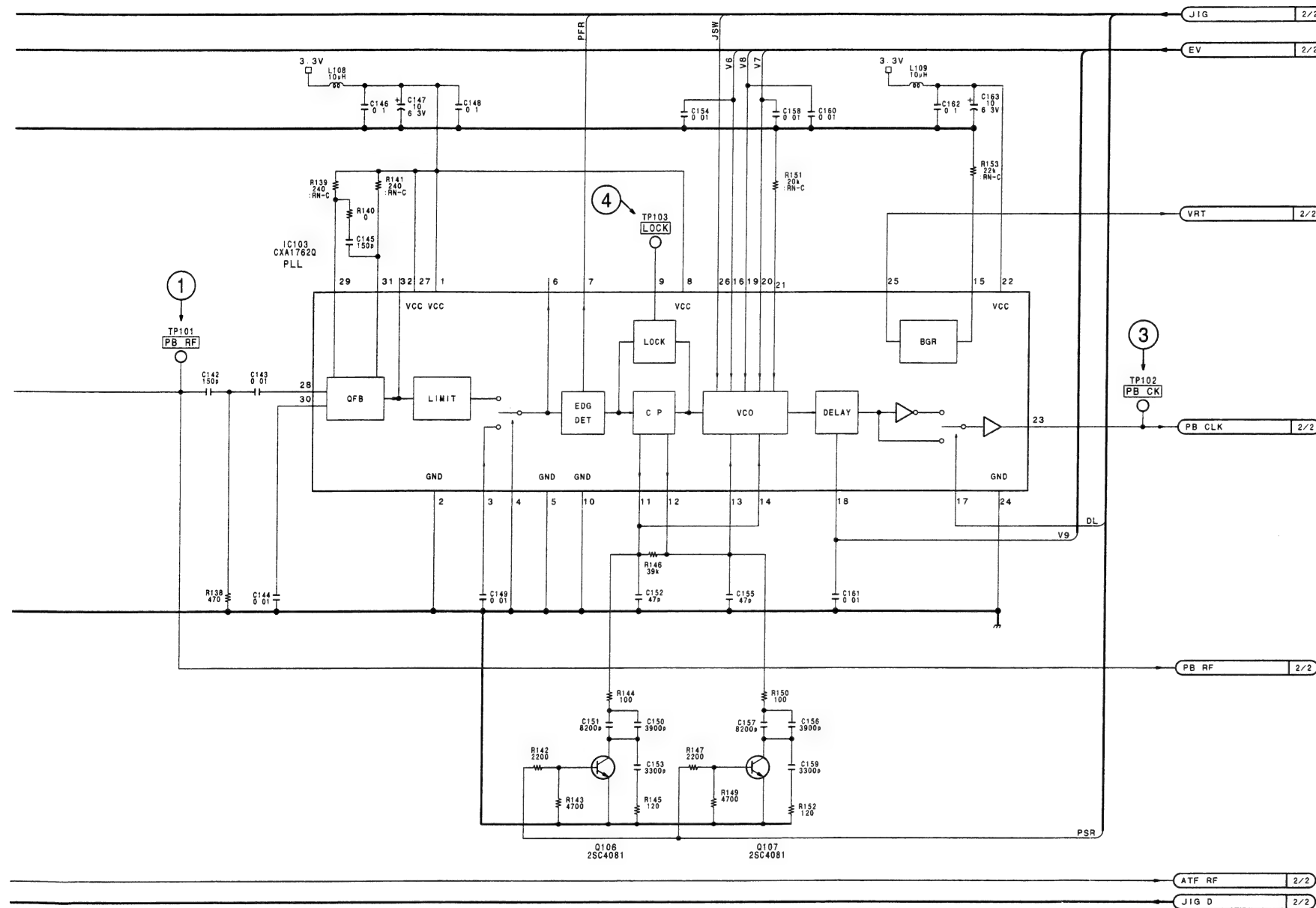




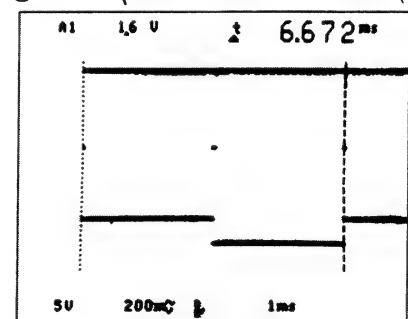
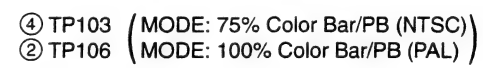
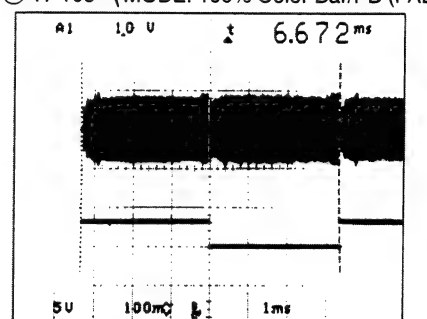
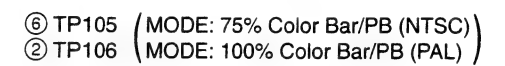
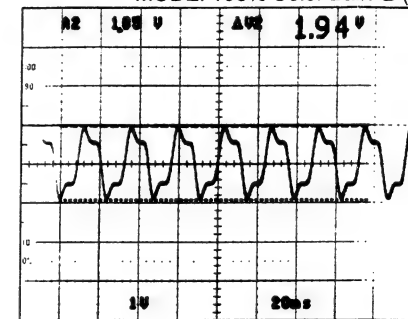
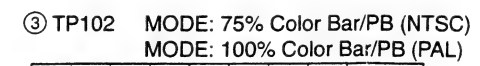
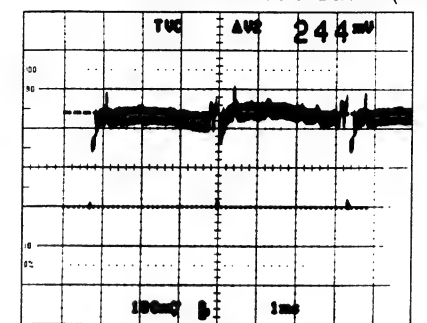
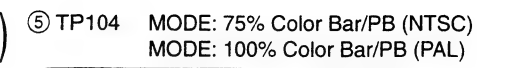
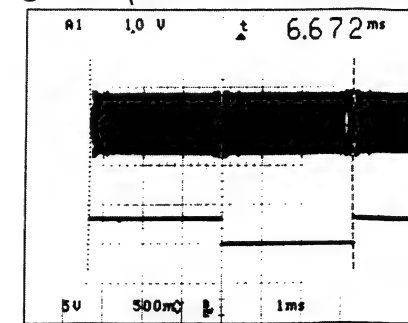
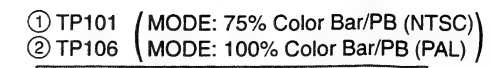


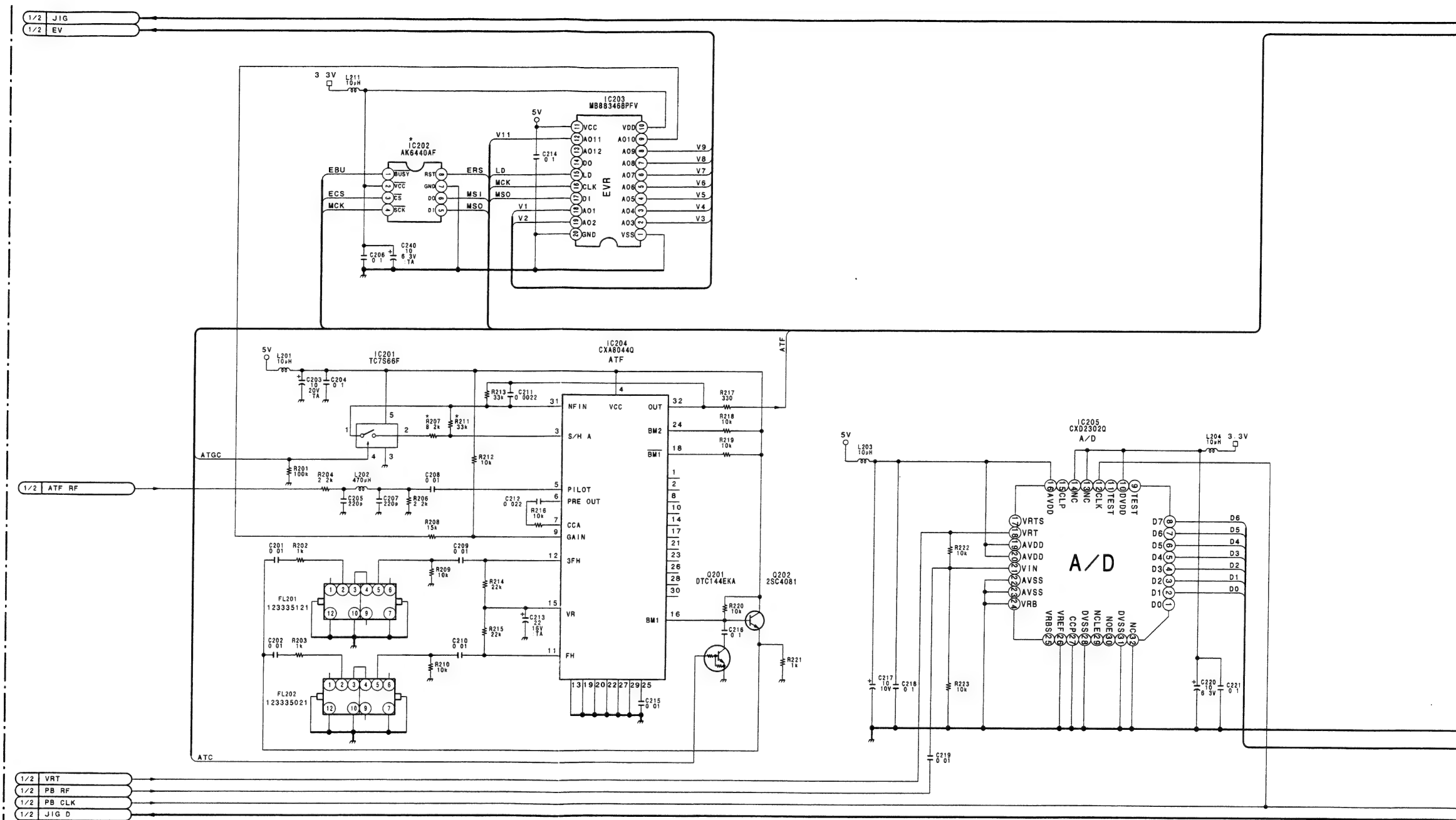




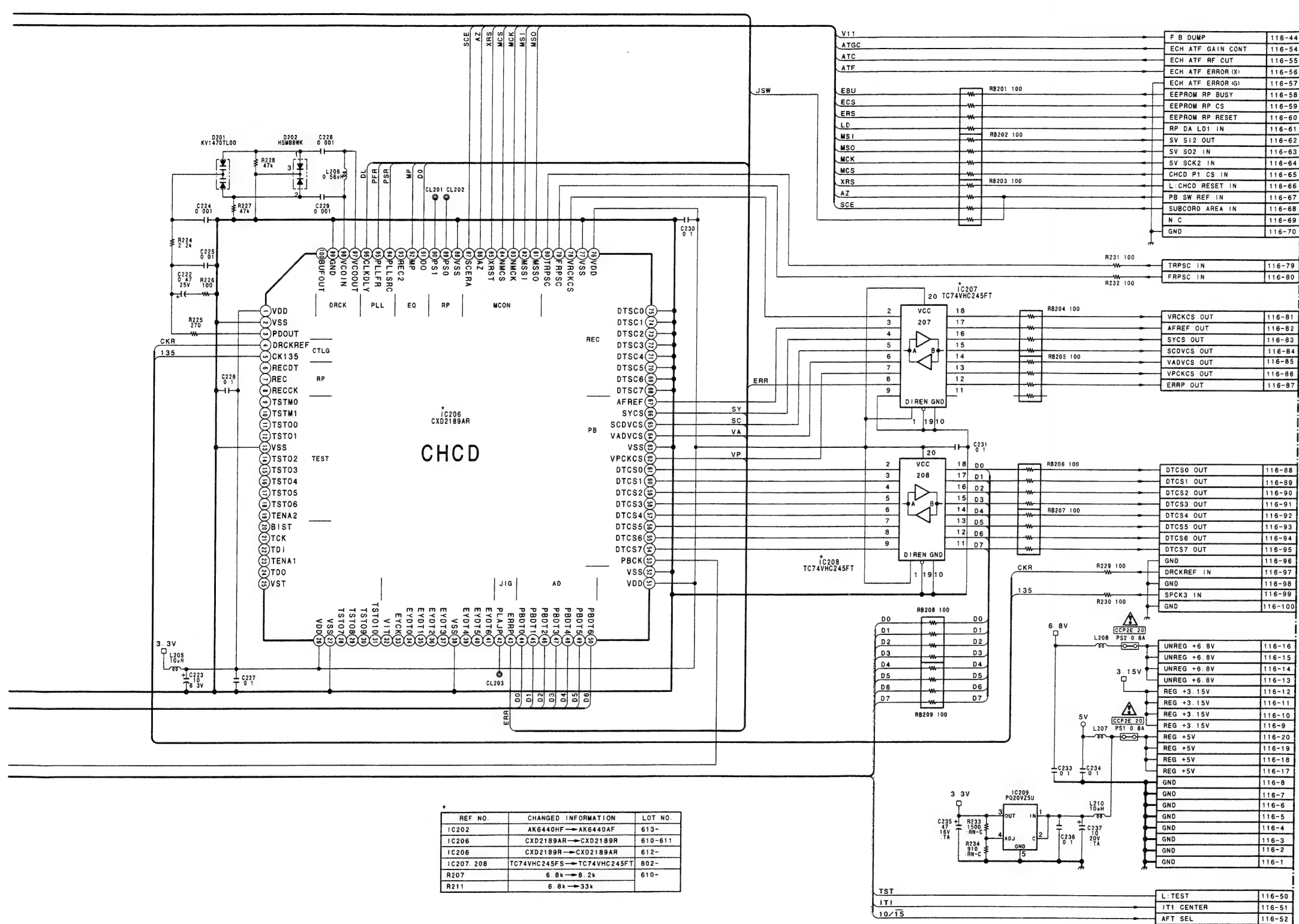


| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| L105    | DELETED             | 610-    |
| L110    | ADDED               |         |
| R128    | 1k → 510            |         |
| R128    | 510 → 1k            | 701-    |
| R155    | 220 → 330           | 610-    |







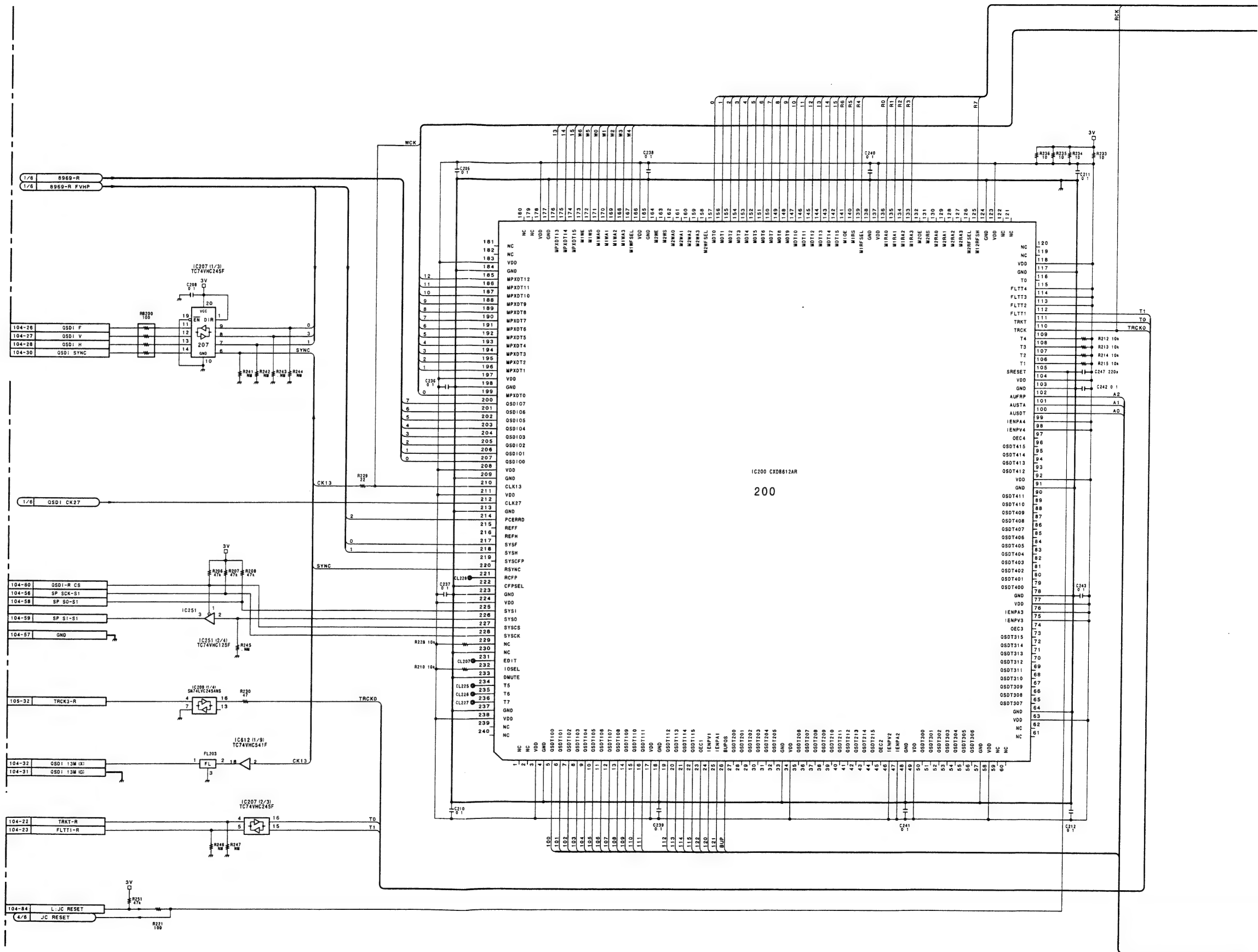




### SDI-26 (1/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)



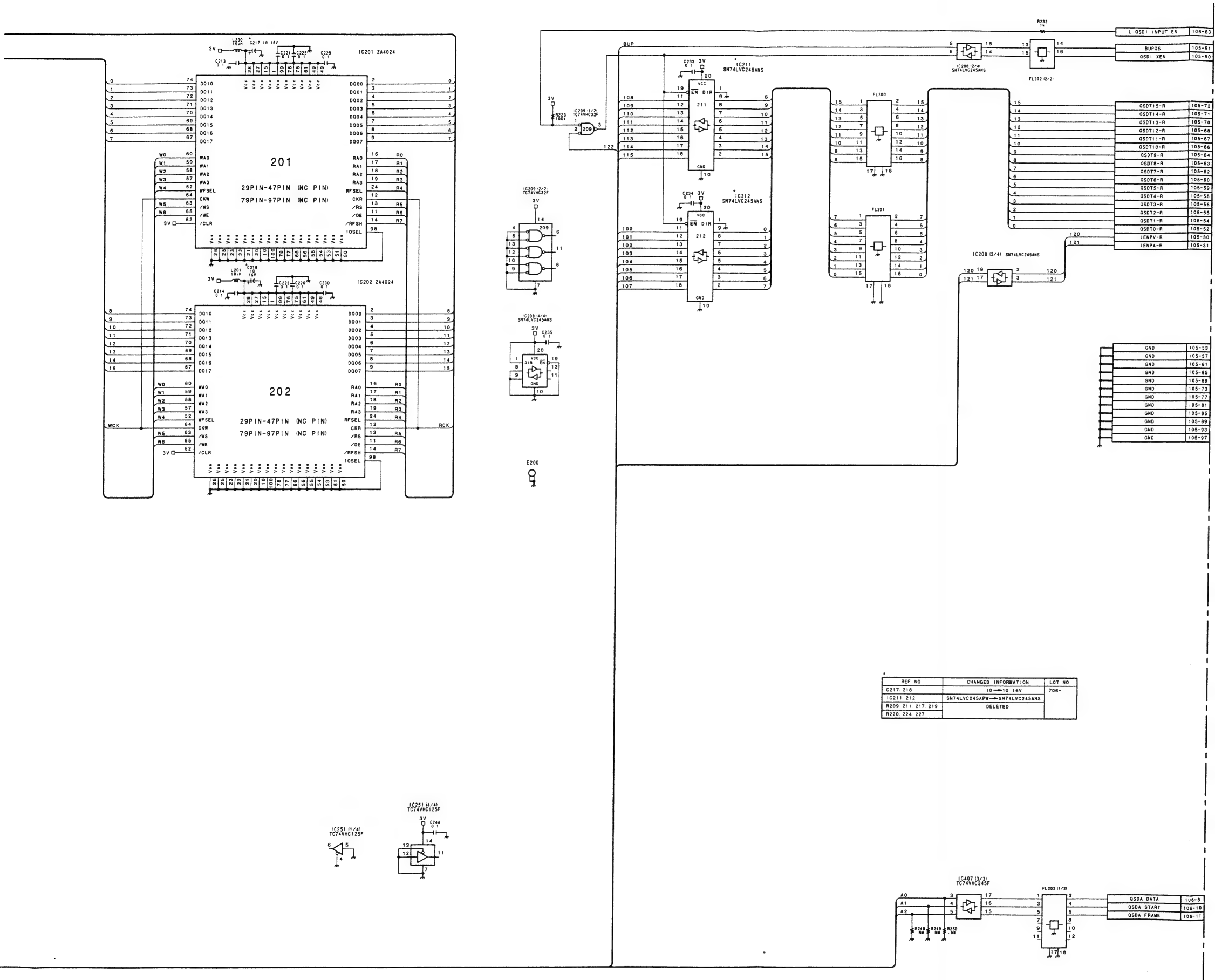
## SDI-26 (2/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)



**13-110 (a)**

DSR-80/80P/60/60P





SDI-26/26A (2/6)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P

SDI-26A (3/6): QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26 (3/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

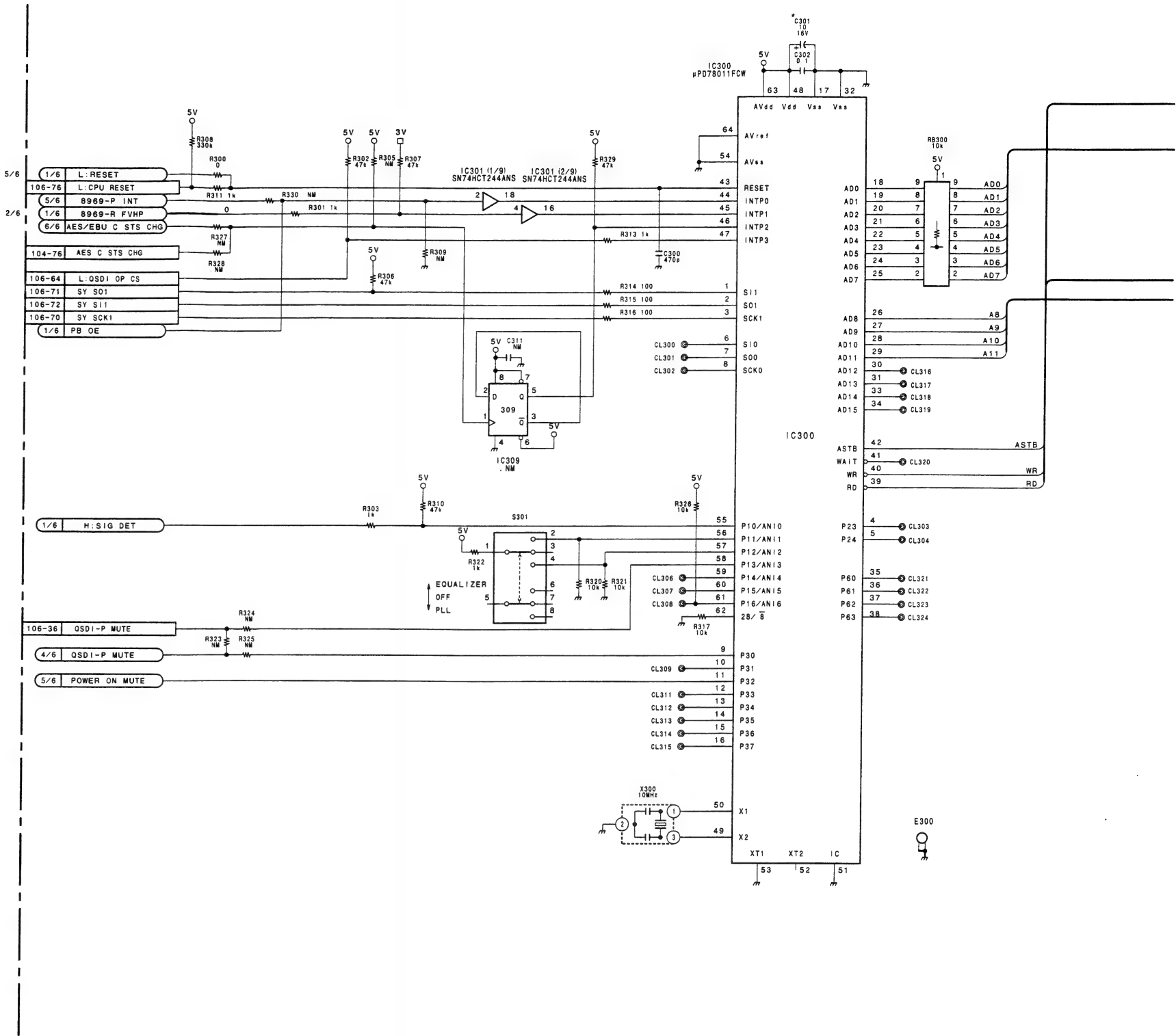
1

2

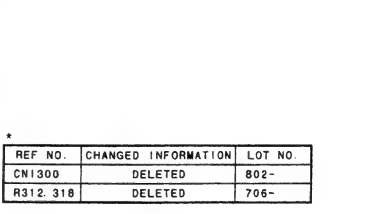
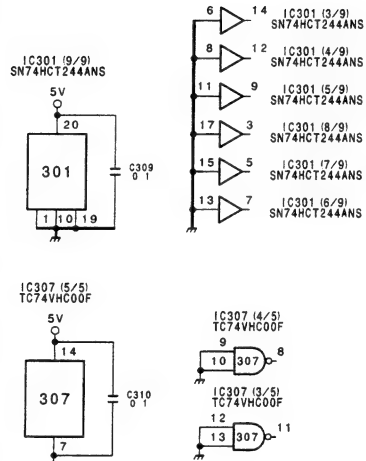
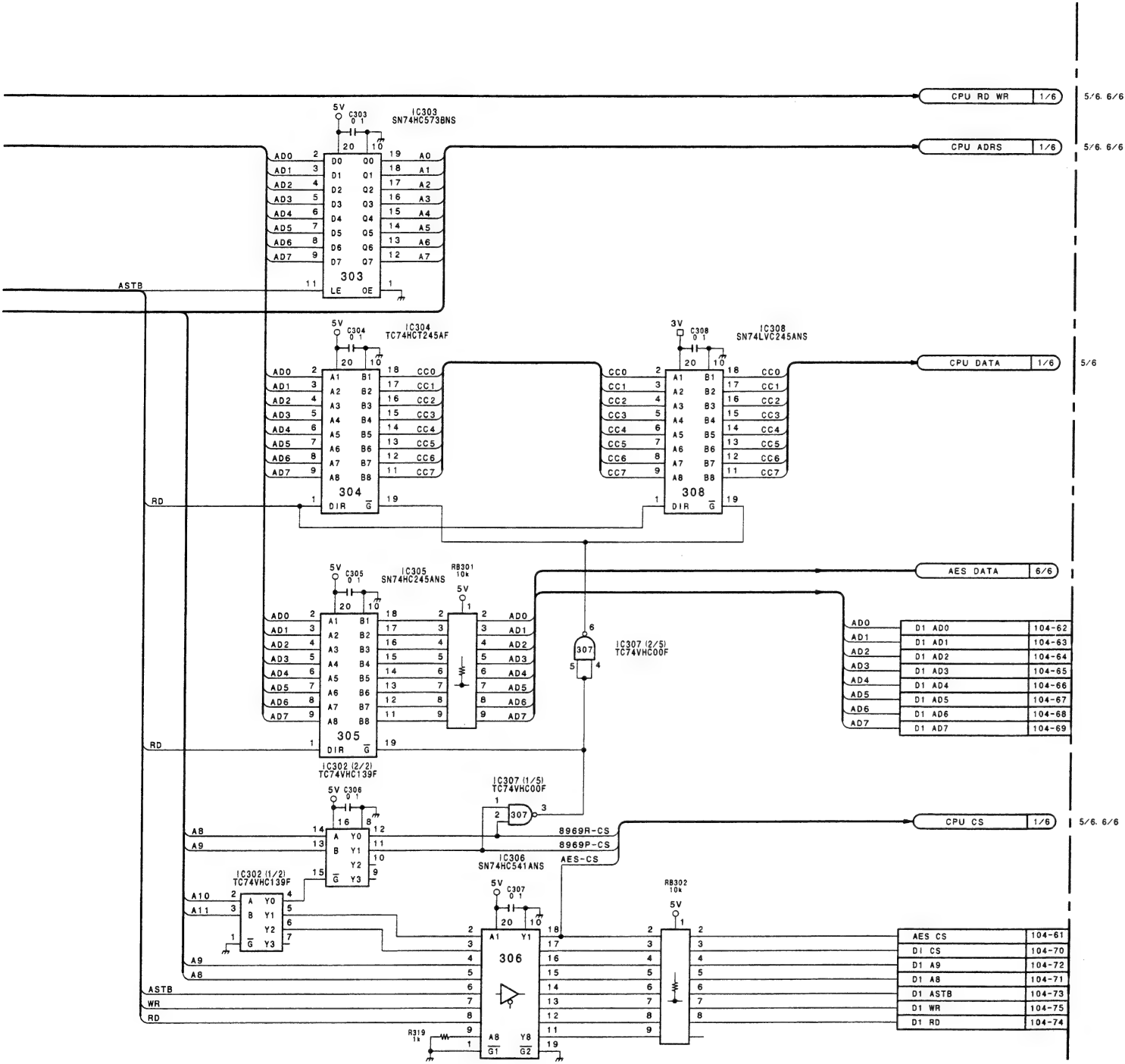
3

4

5



13-112 (a) 13-112 (a)

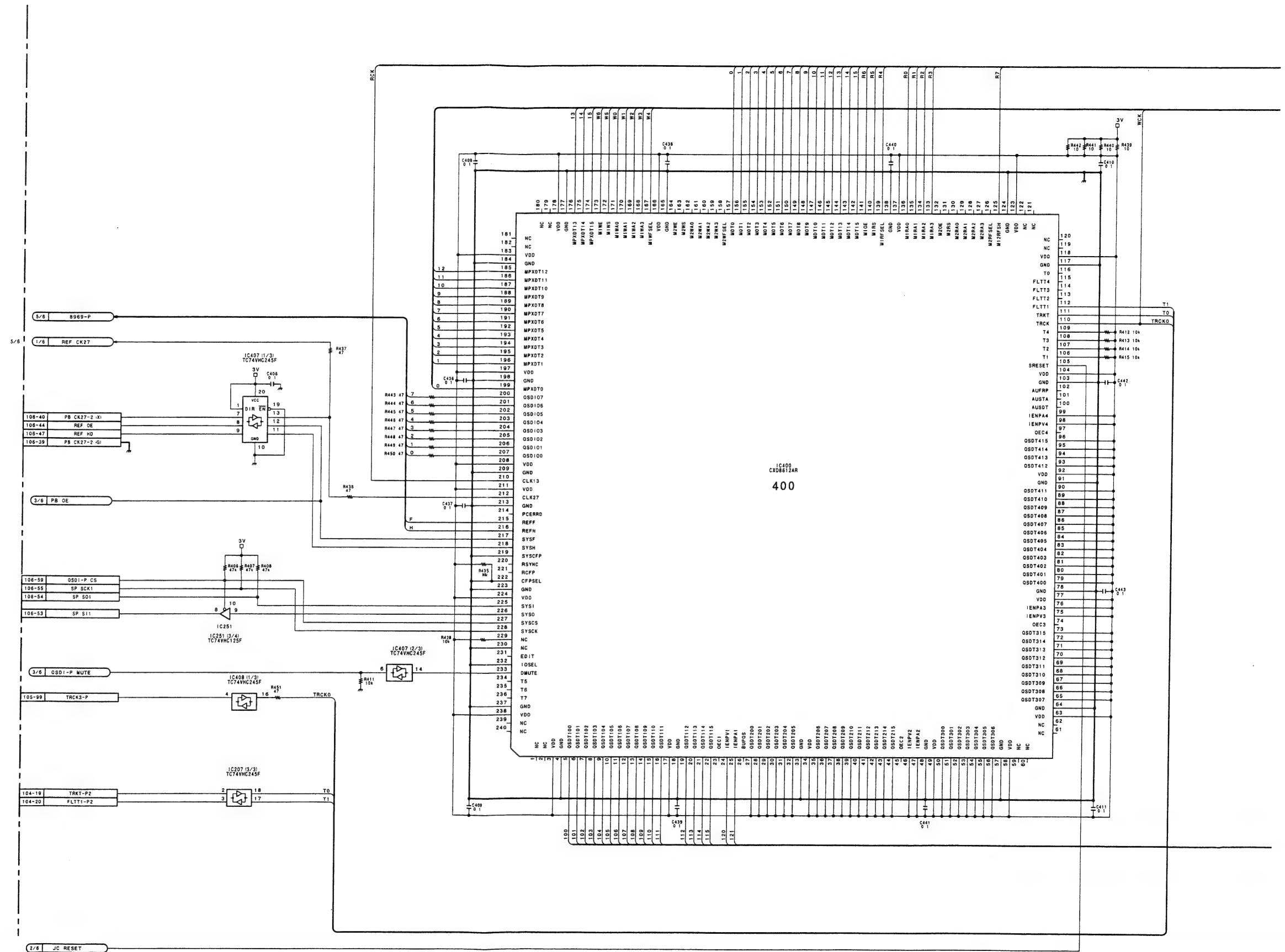


| REF NO.   | CHANGED INFORMATION | LOT NO. |
|-----------|---------------------|---------|
| CN1300    | DELETED             | 802-    |
| R312, 318 | DELETED             | 706-    |

SDI-26/26A (3/6)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P

### SDI-26A (4/6): QSDI OUTPUT INTERFACE (DSR-60/60P)

### SDI-26 (4/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

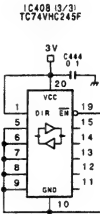
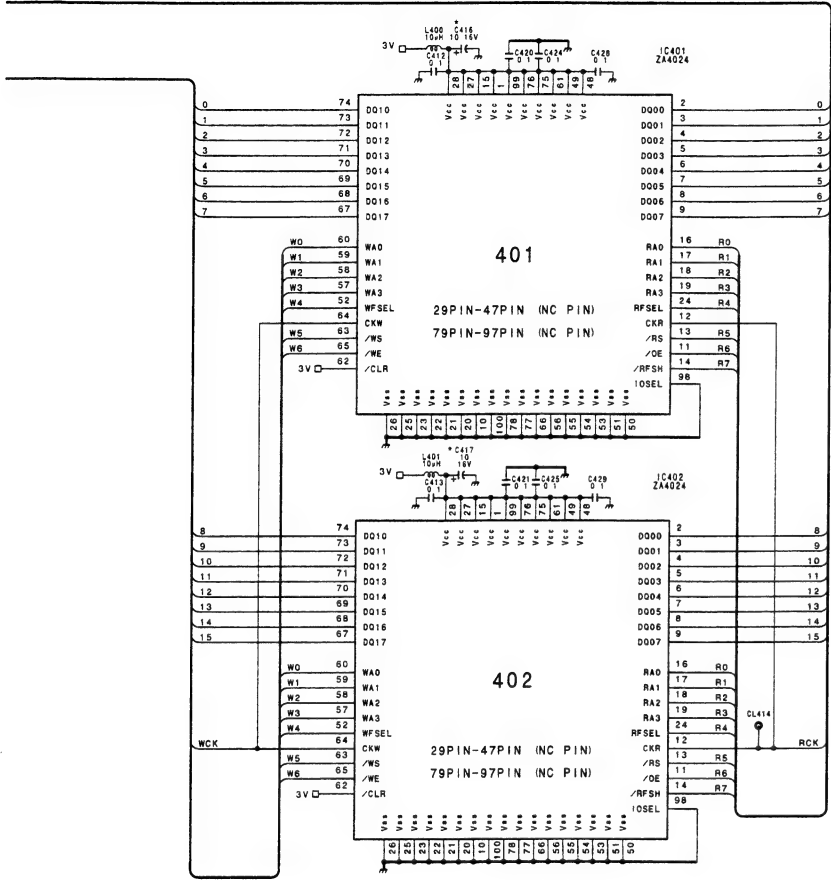


**13-114 (a)**

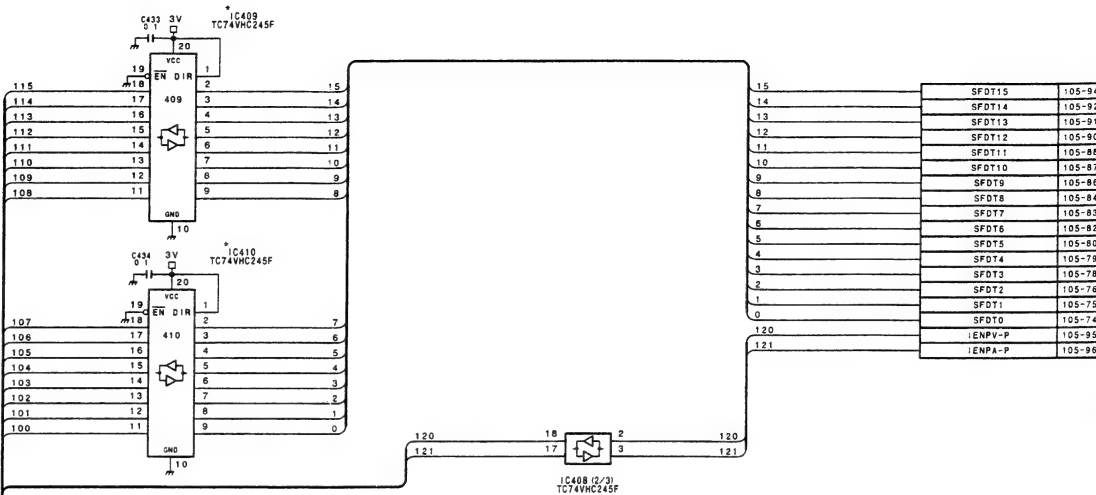
13-114 (a)

SR-80/80P/60/60P





E400



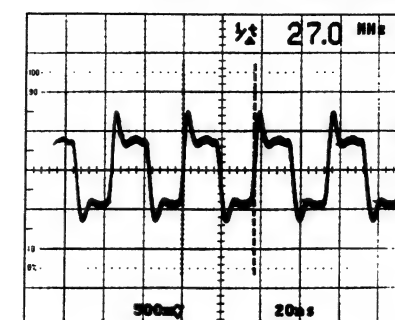
|     |  |
|-----|--|
| GND |  |
| GND |  |
| GND |  |
| GND |  |
| GND |  |
| GND |  |
| GND |  |

| REF. NO.   | CHANGED INFORMATION        | LOT NO. |
|------------|----------------------------|---------|
| C415: 417  | 10 → 10 16V                | 706     |
| IC409: 410 | TC74VHC245FS → TC74VHC245F |         |

SDI-26A: QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26: QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

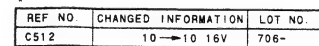
**SDI-26/26A      SDI-26/26A**

① TP502    MODE: 75% Color Bar/PB (NTSC)  
              MODE: 100% Color Bar/PB (PAL)



### SDI-26A (5/6): QSDI OUTPUT INTERFACE (DSR-60/60P)

## SDI-26 (5/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

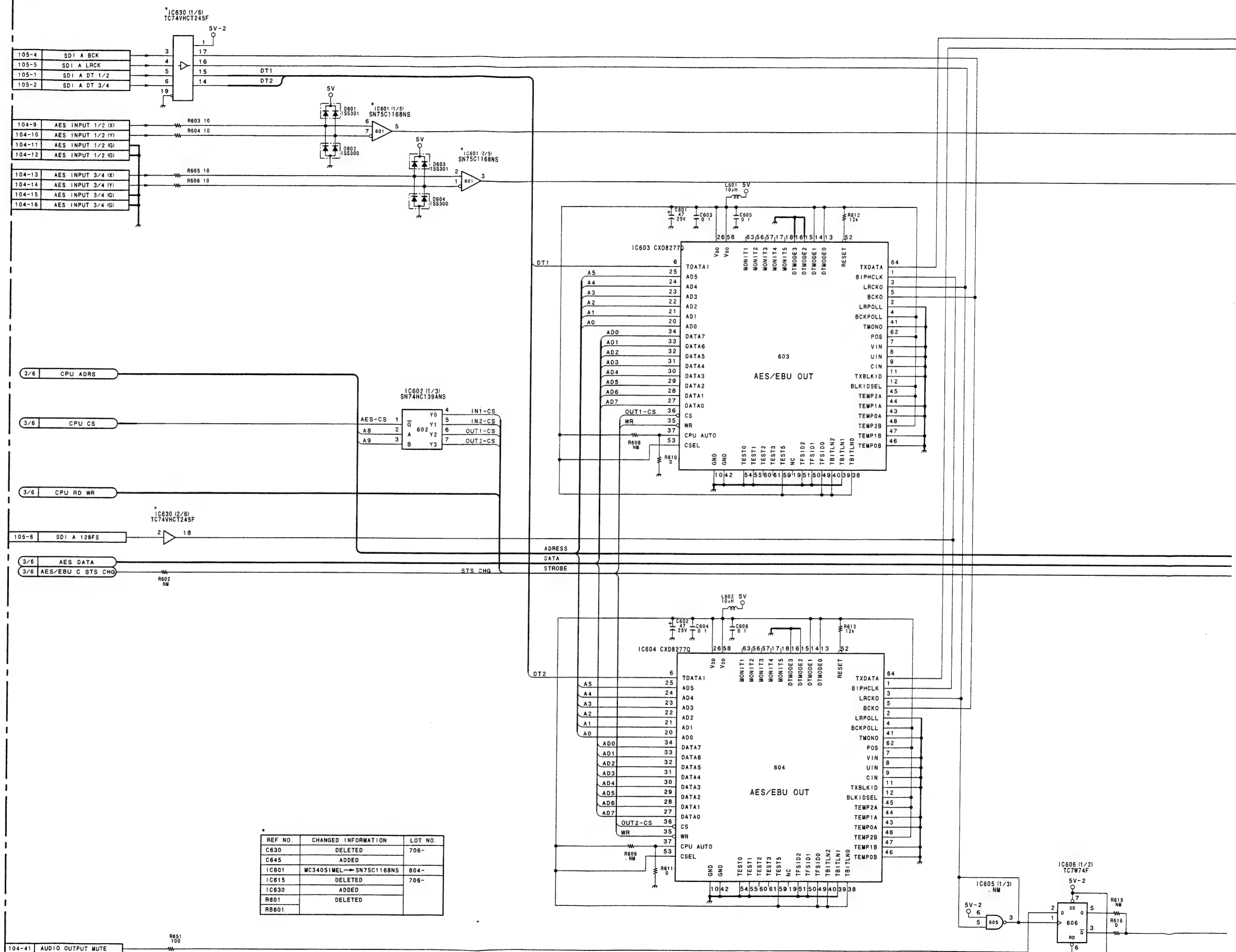


SDI-26/26A (5/6)

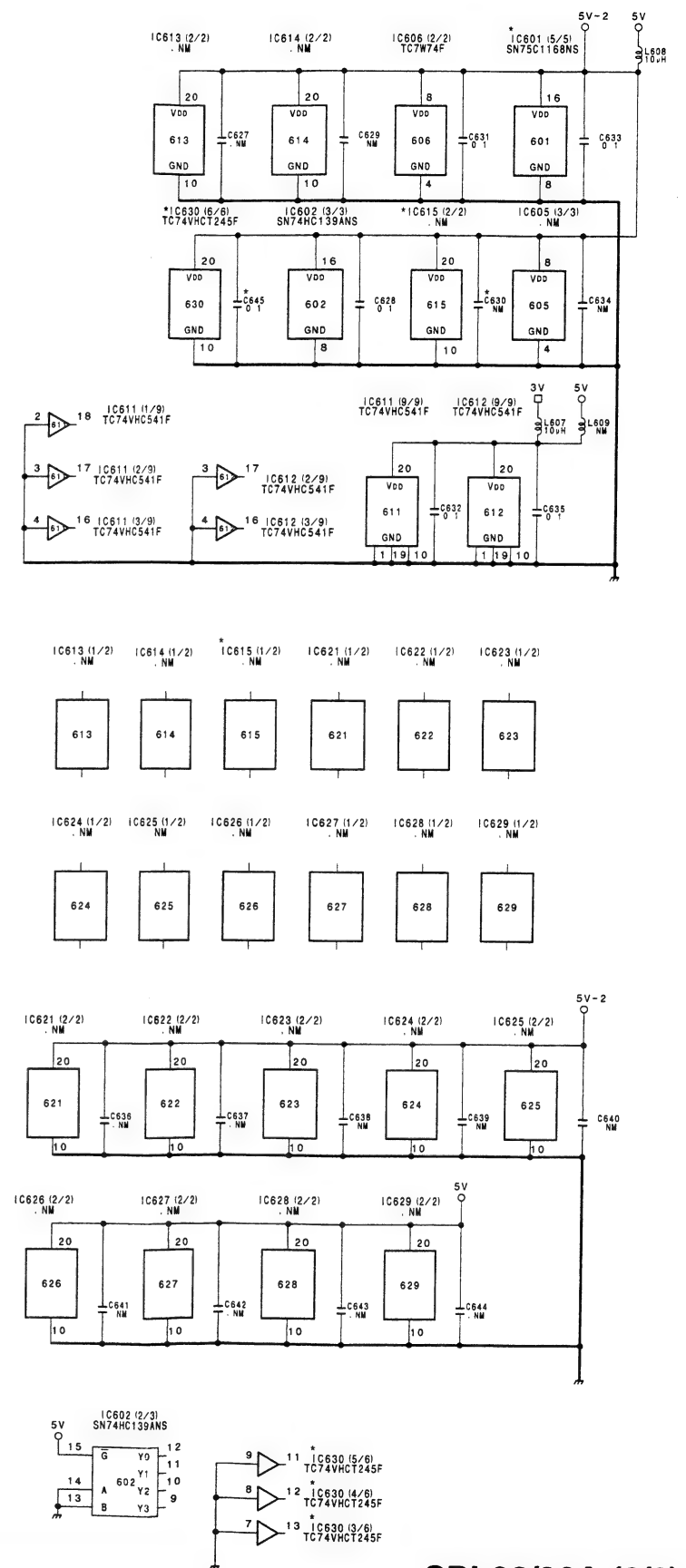
BOARD SUFFIX : -13

MODEL DSR-80/80P/60/60P

MODEL DSBK-110/110P



**DSR-80/80P**

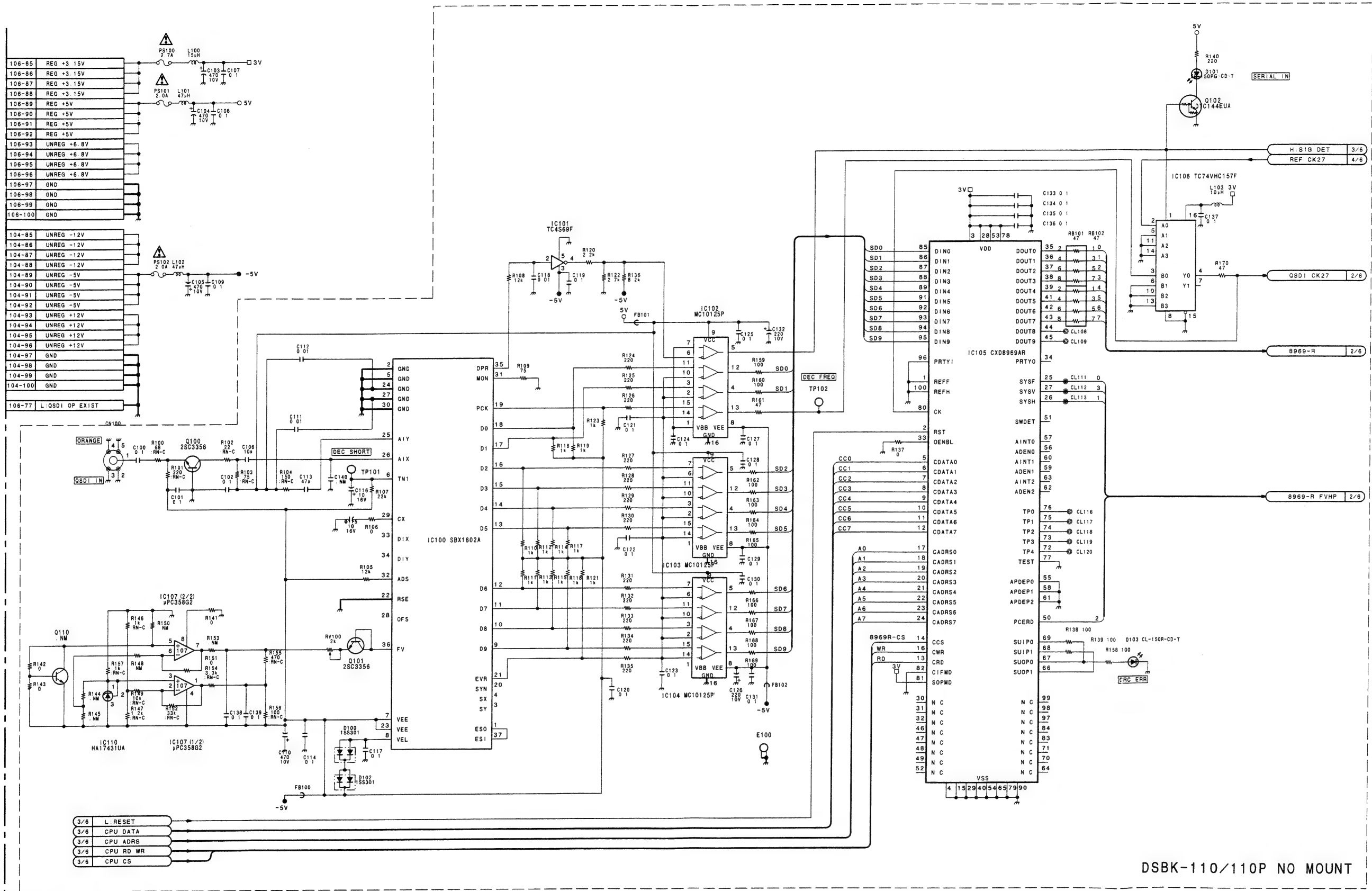


**SDI-26/26A (6/6)**  
BOARD SUFFIX : -13  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P





SDI-26A (1/6): QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26 (1/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)



SDI-26/26A (1/6)  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P

SDI-26A (2/6): QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26 (2/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

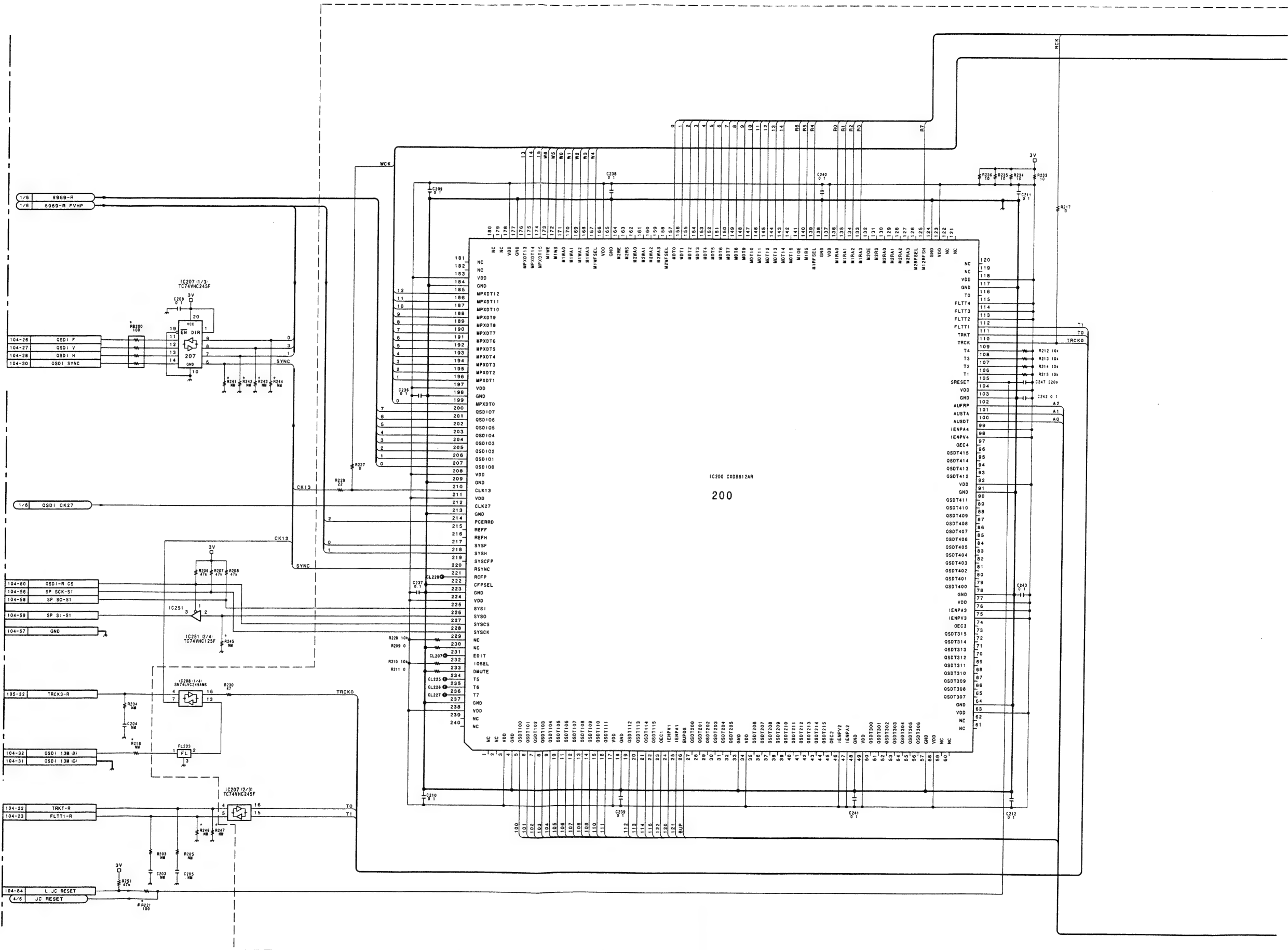
1

2

3

4

5



13-110 13-110

DSR-80/80P/60/60P

A

B

C

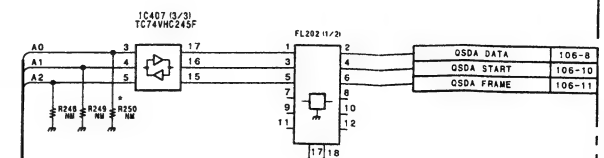
D

E

F

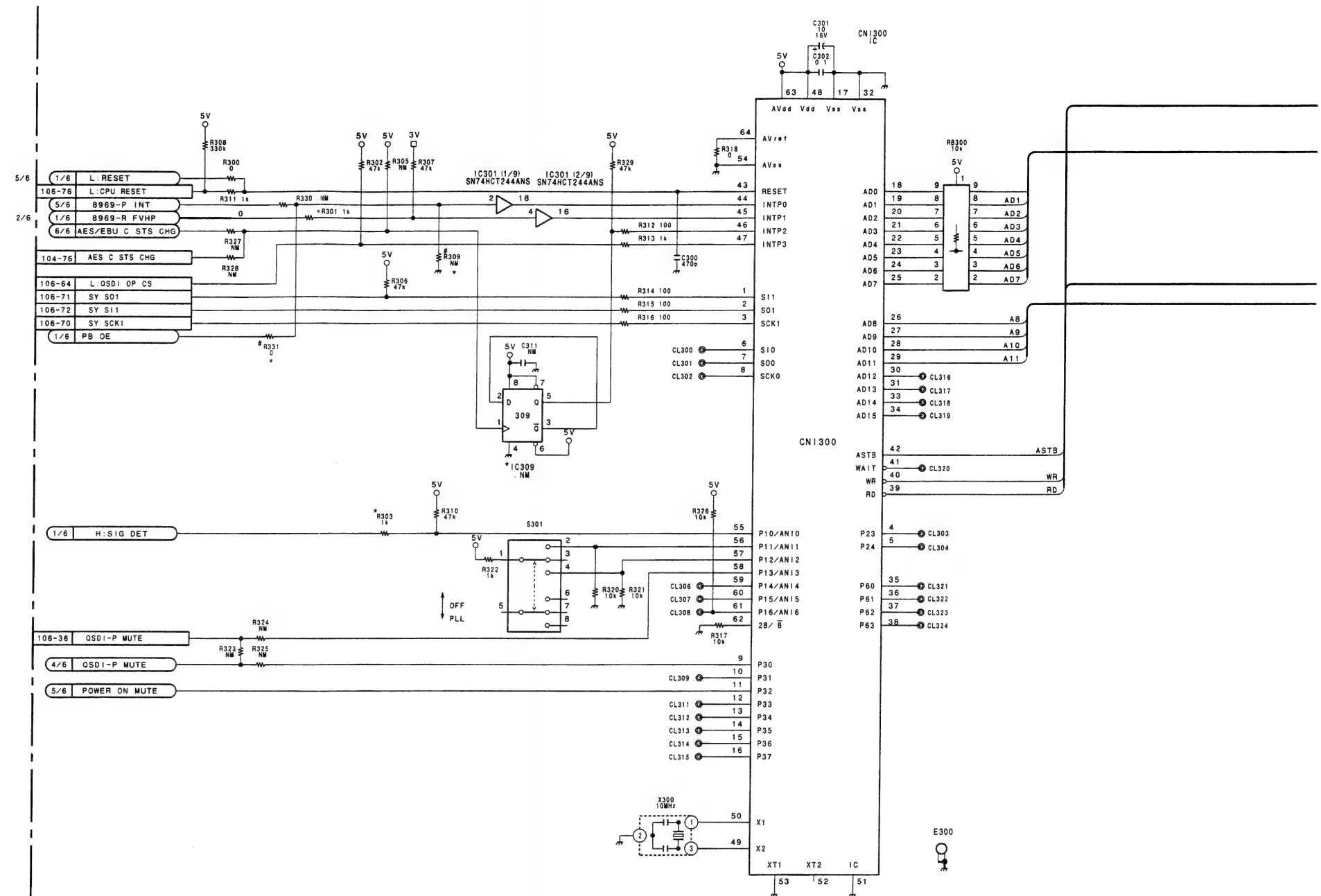
G

H

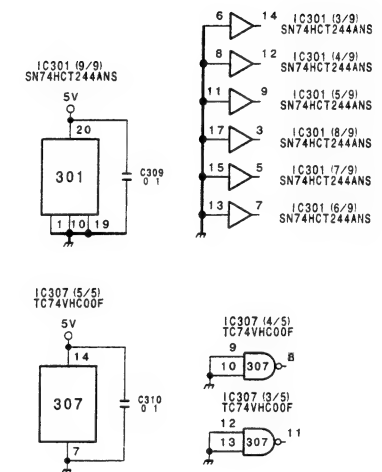
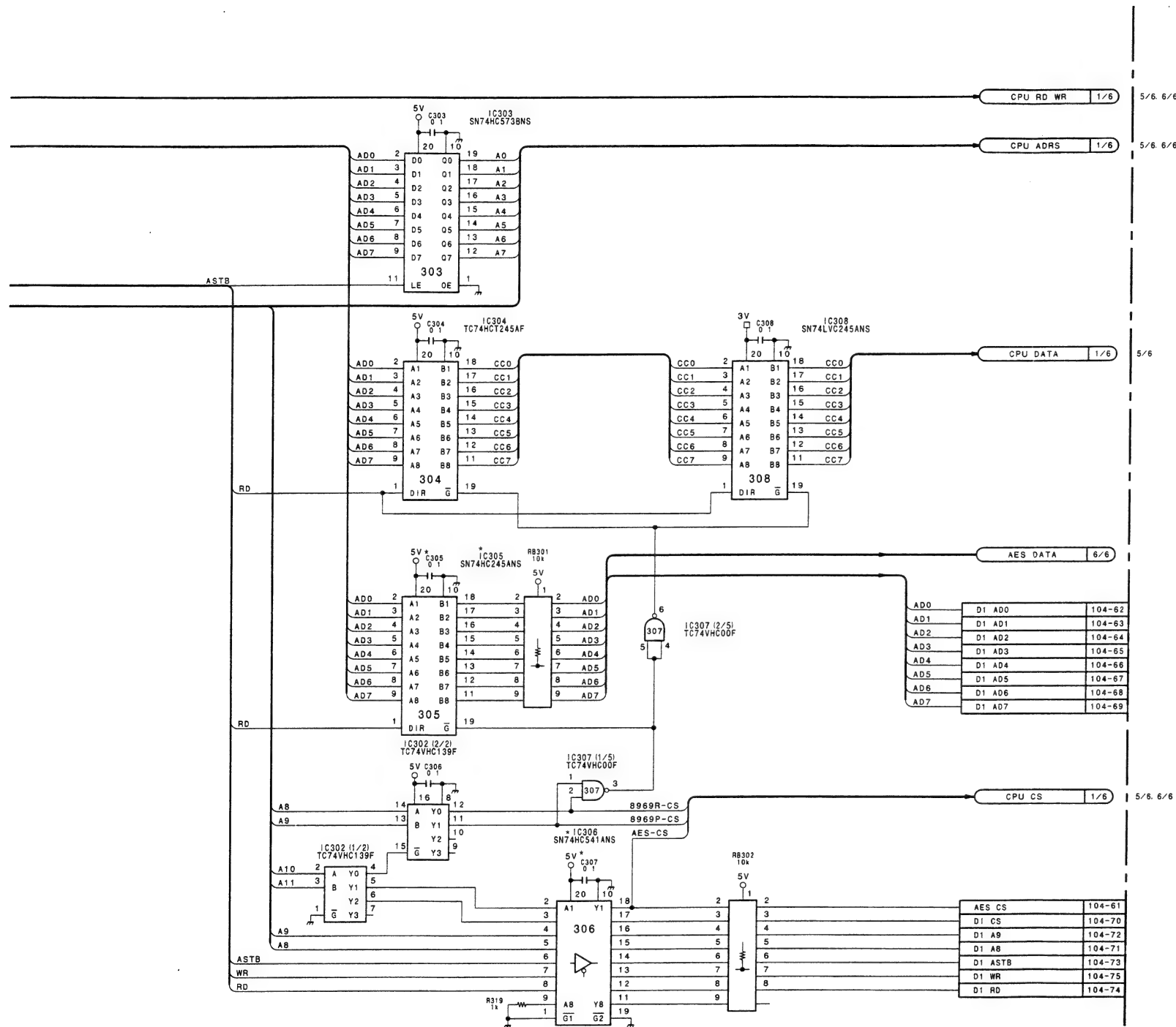


BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P

**SDI-26A (3/6): QSDI OUTPUT INTERFACE (DSR-60/60P)**  
**SDI-26 (3/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)**







| REF. NO. | CHANGED INFORMATION | LOT NO. |
|----------|---------------------|---------|
| IC300    | ADDED               | 701-    |
| IC309    | DELETED             |         |
| R309     | DELETED             |         |
| R331     | ADDED               |         |

| SDI-26 BOARD | -11      | -12 AND HIGHER |
|--------------|----------|----------------|
| 1-664-952-   |          |                |
| R309         | 10K      | NO MOUNT       |
| R331         | NO MOUNT | 0              |

| *         | DSR-80/80P    | DSBK-100/100P |
|-----------|---------------|---------------|
| C305, 307 | 0.1           | NO MOUNT      |
| IC305     | SN74HCT245NS  | NO MOUNT      |
| IC306     | SN74HCT541ANS | NO MOUNT      |
| R301, 303 | 1K            | NO MOUNT      |
| R319      |               |               |

SDI-26/26A (3/6)  
BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P

SDI-26A (4/6): QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26 (4/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

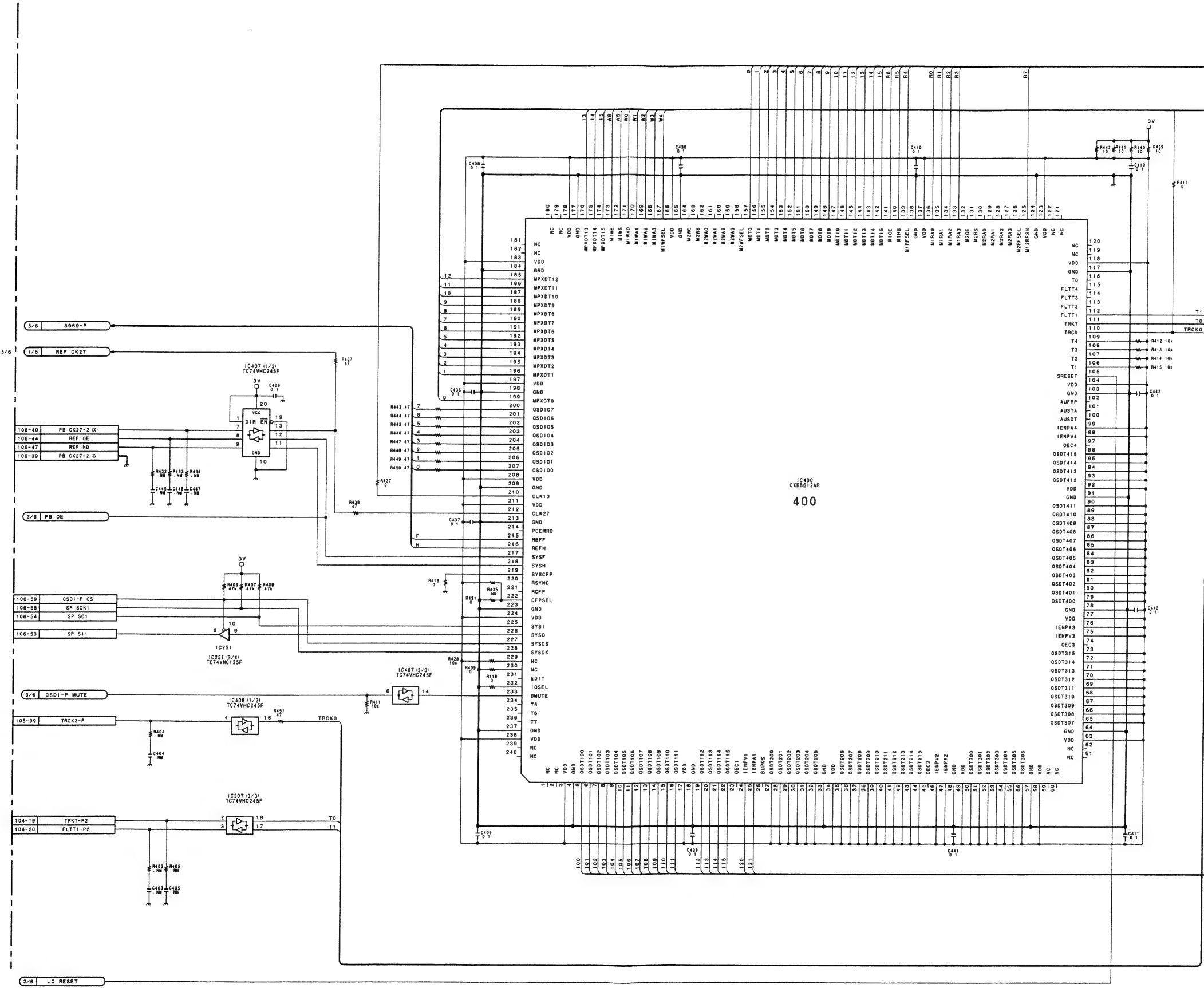
1

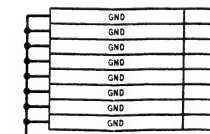
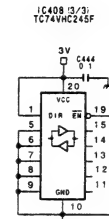
2

3

4

5



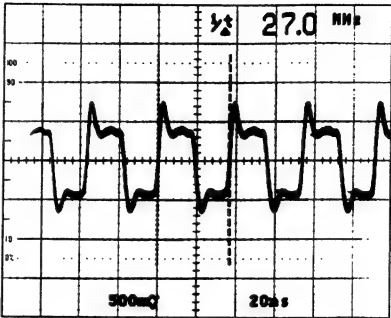


| REF NO.   | CHANGED INFORMATION | LOT NO. |
|-----------|---------------------|---------|
| RB409-412 | DELETED             | 701-    |

SDI-26A: QSDI OUTPUT INTERFACE (DSR-60/60P)  
SDI-26: QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

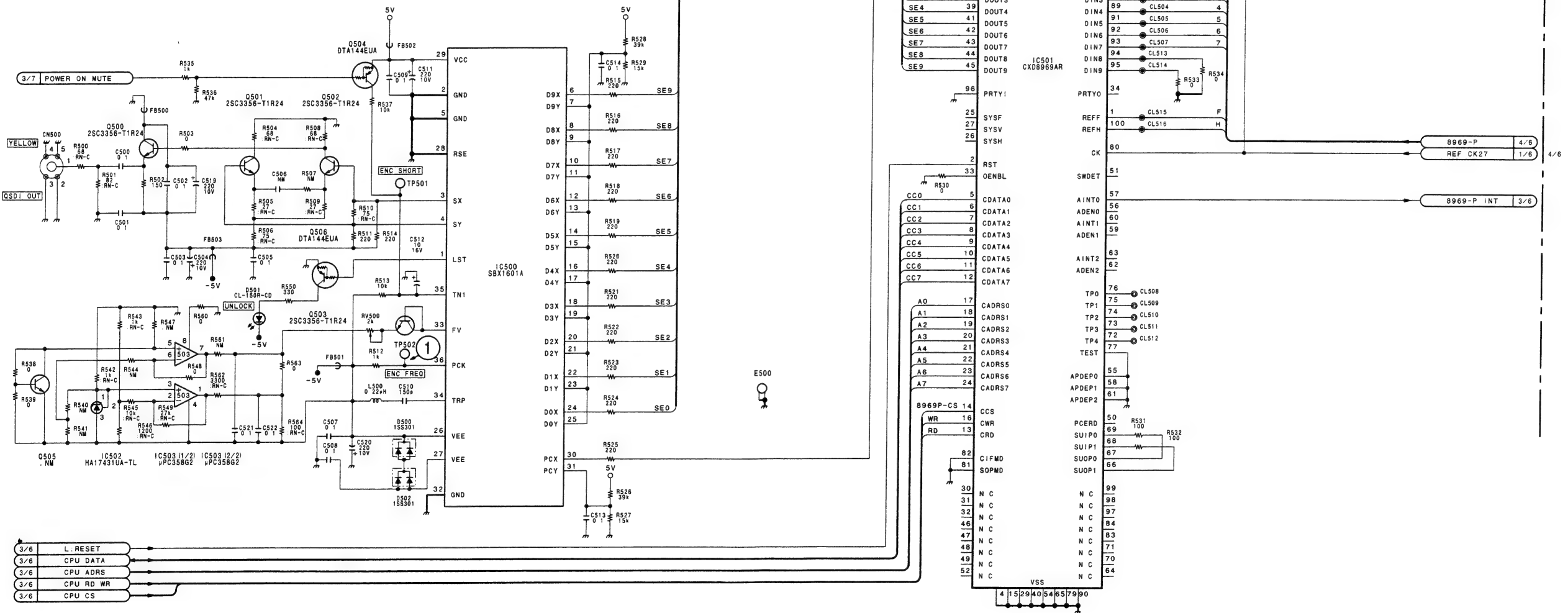
SDI-26/26A      SDI-26/26A

① TP502    MODE: 75% Color Bar/PB (NTSC)  
              MODE: 100% Color Bar/PB (PAL)



### SDI-26A (5/6): QSDI OUTPUT INTERFACE (DSR-60/60P)

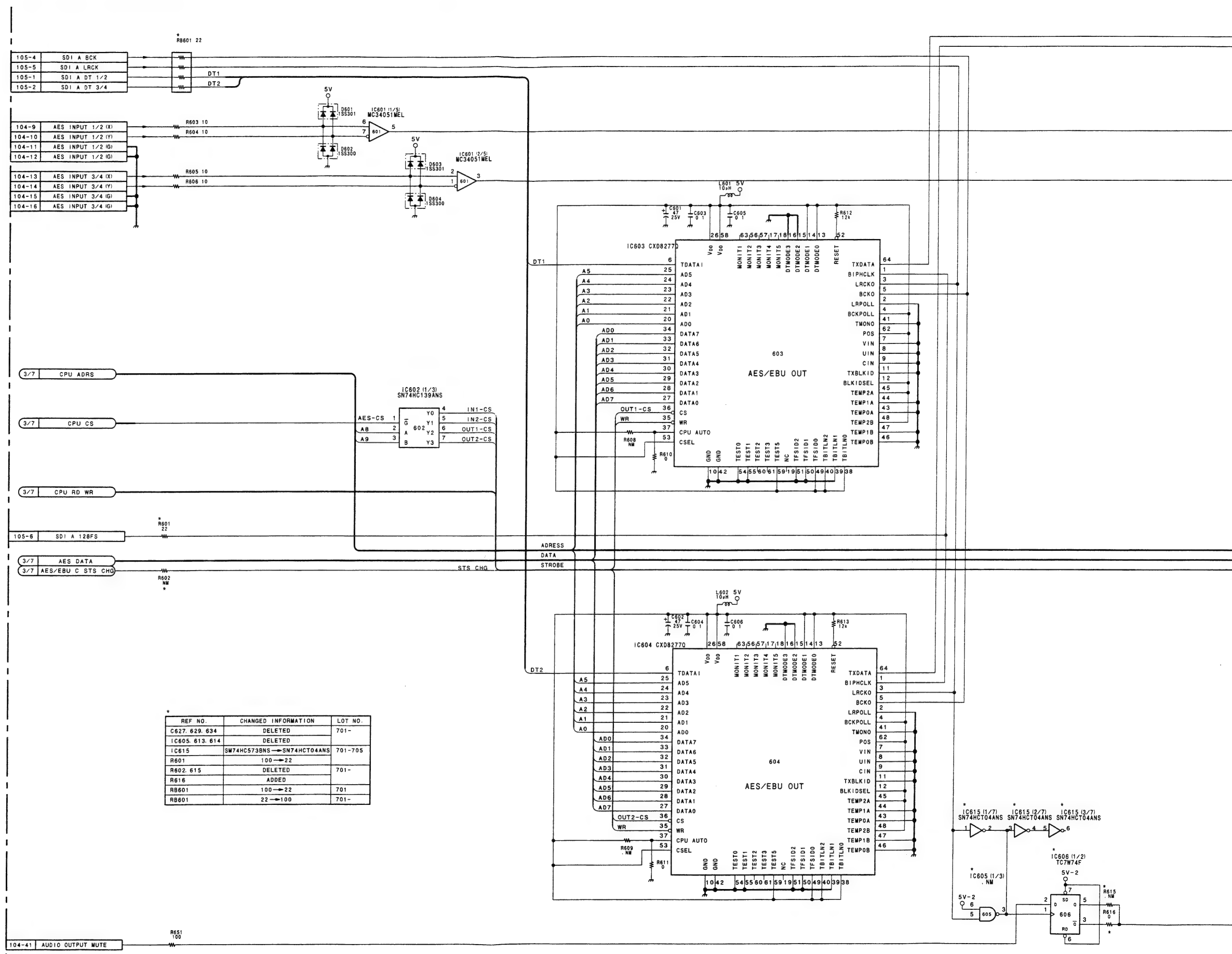
### SDI-26 (5/6): QSDI INPUT/OUTPUT INTERFACE (DSR-80/80P)

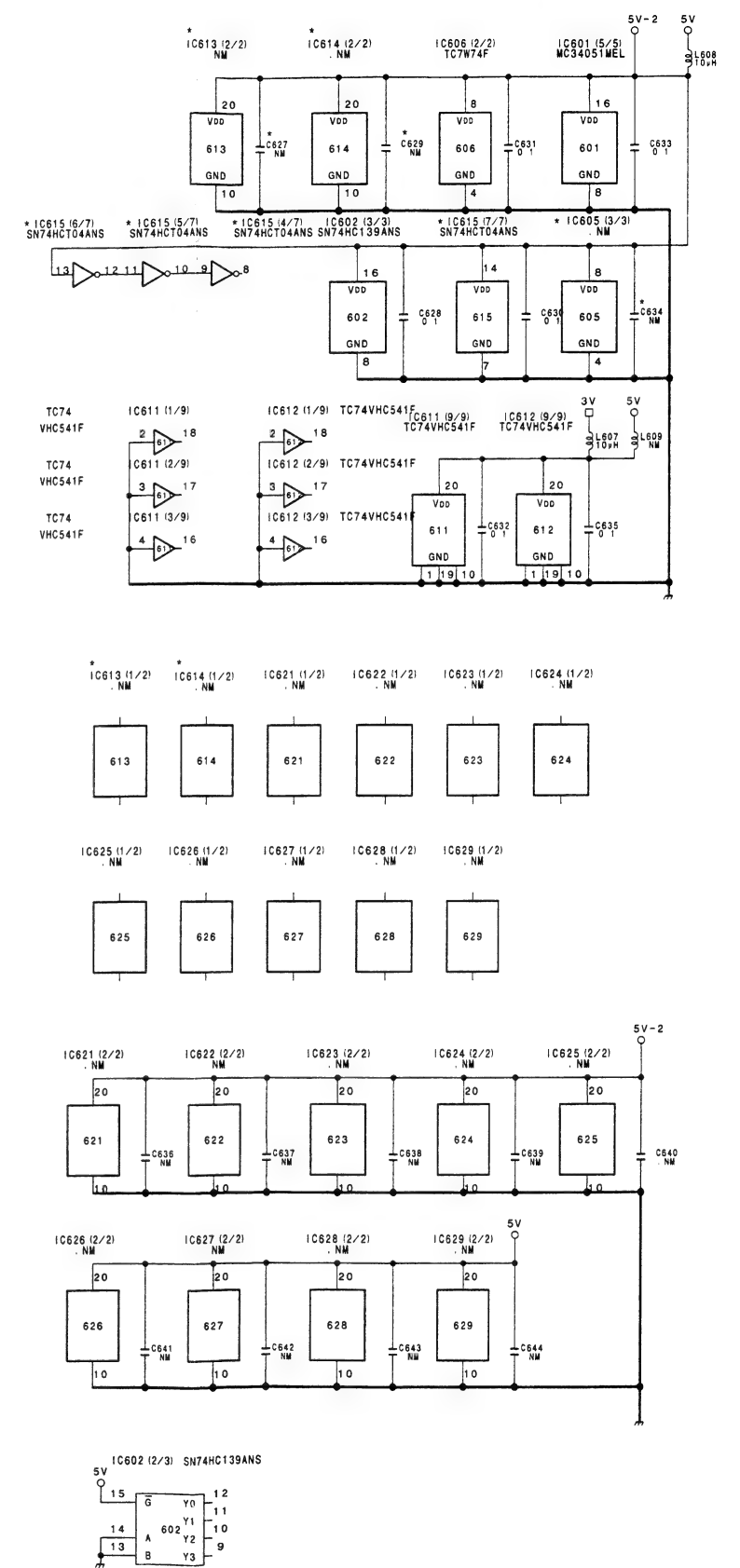


SDI-26/26A (5/6)

BOARD SUFFIX : -11, 12  
MODEL DSR-80/80P/60/60P  
MODEL DSBK-110/110P







NY-SP0754 / DRUCK 409

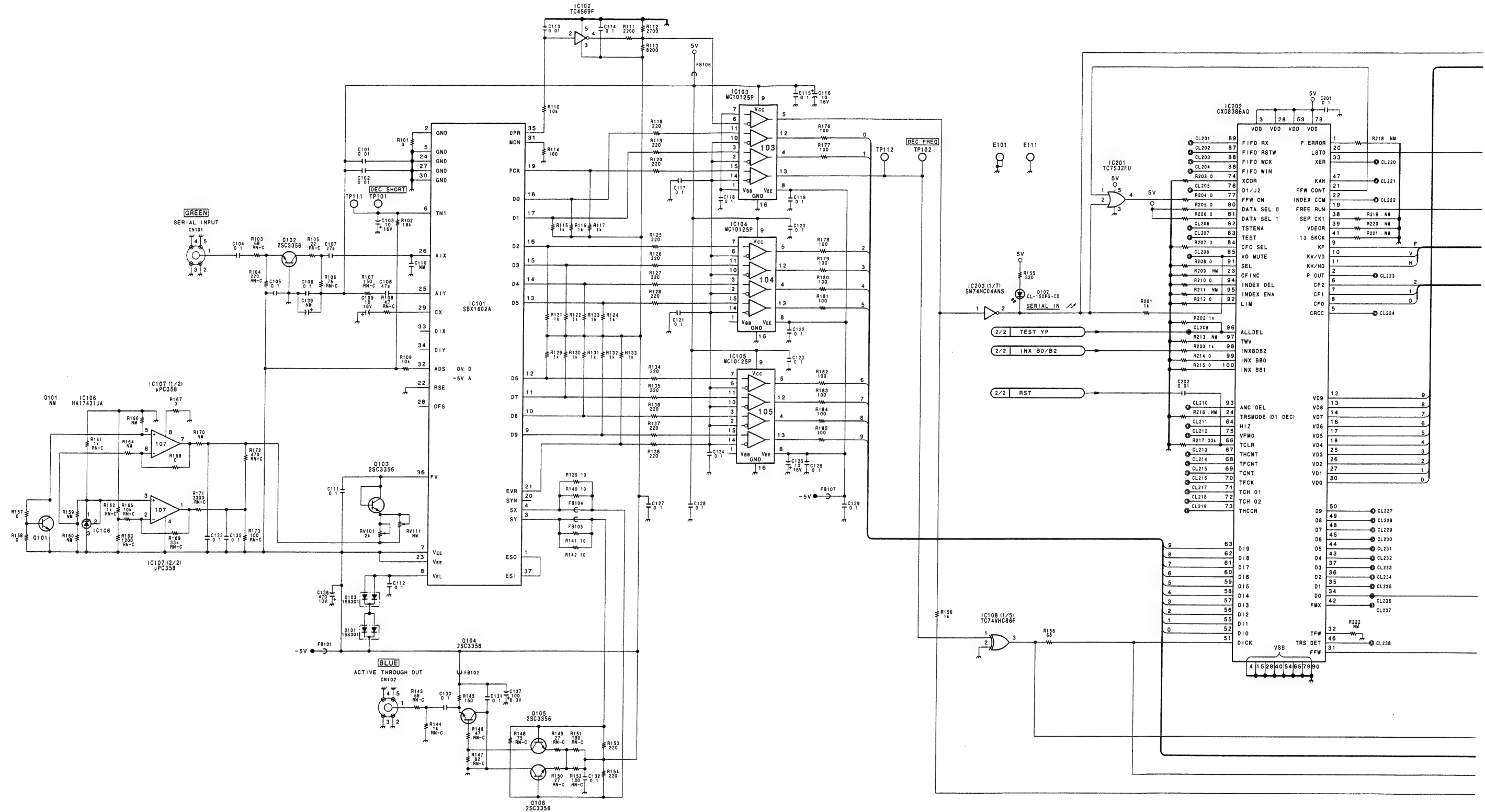
1

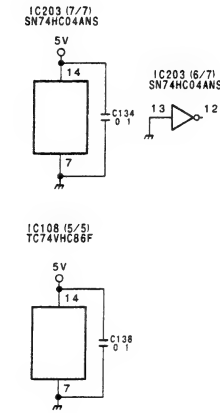
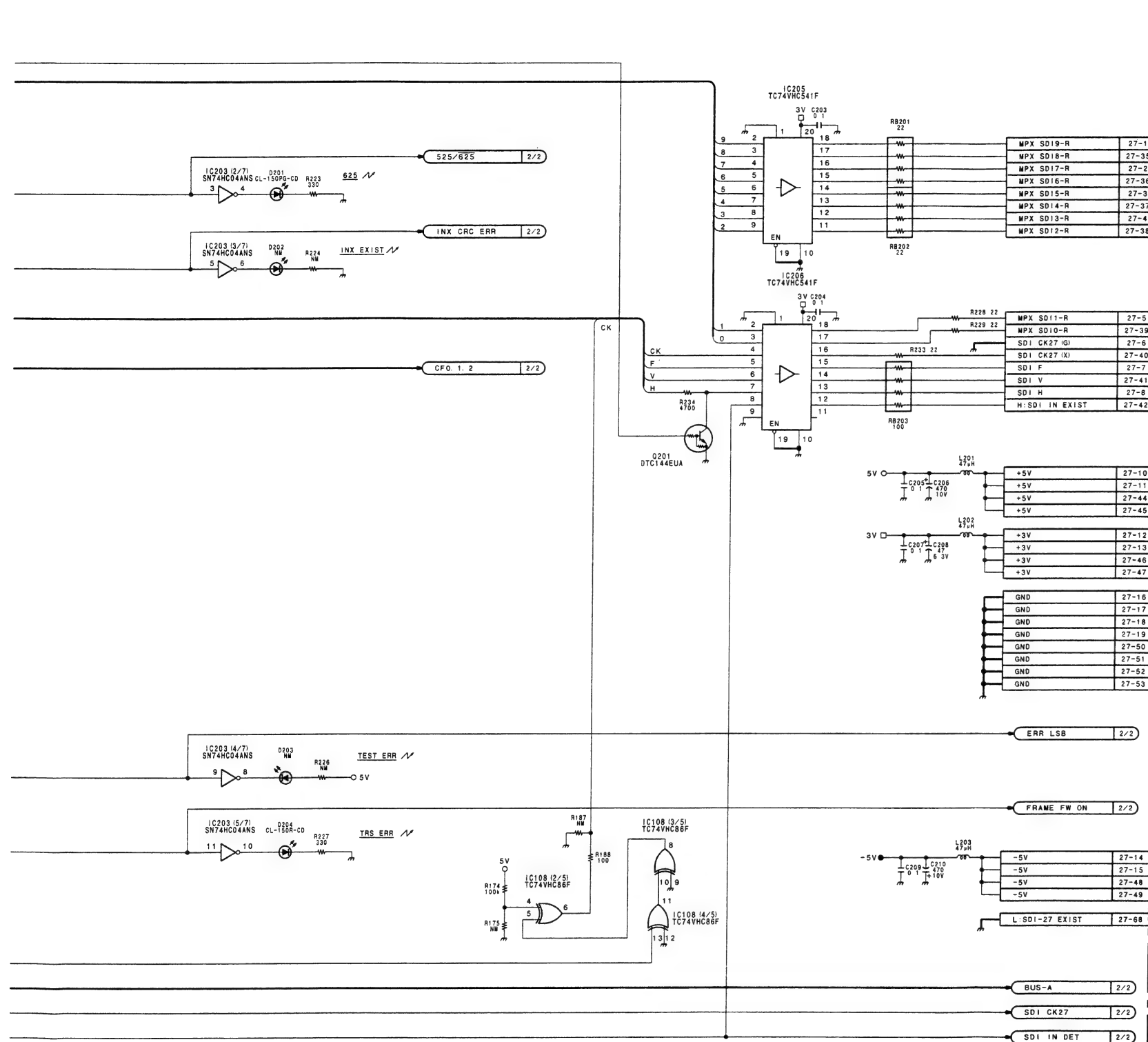
2

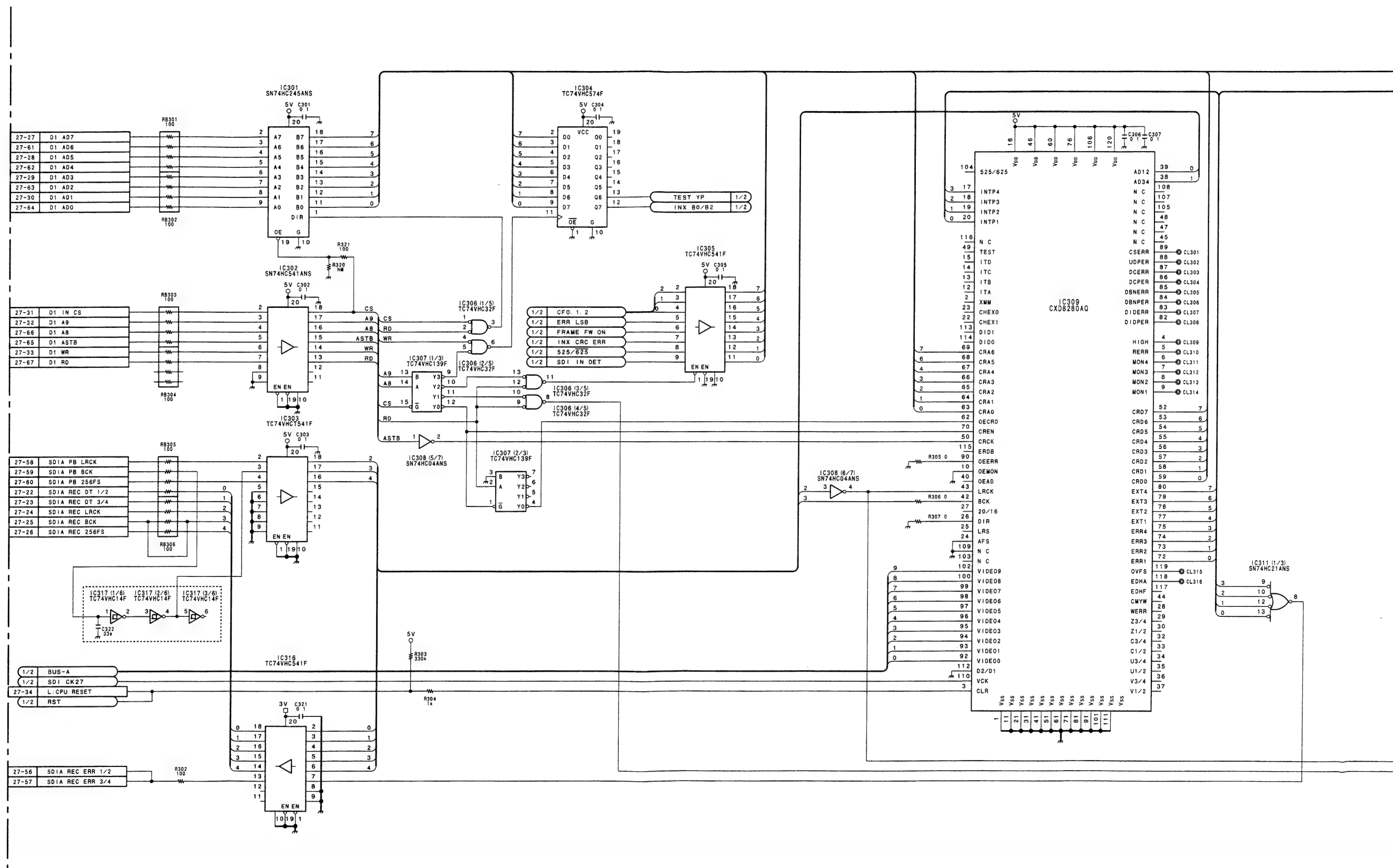
3

4

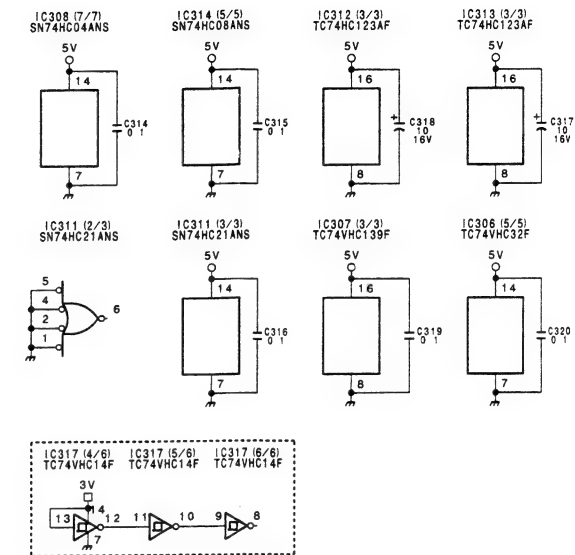
5



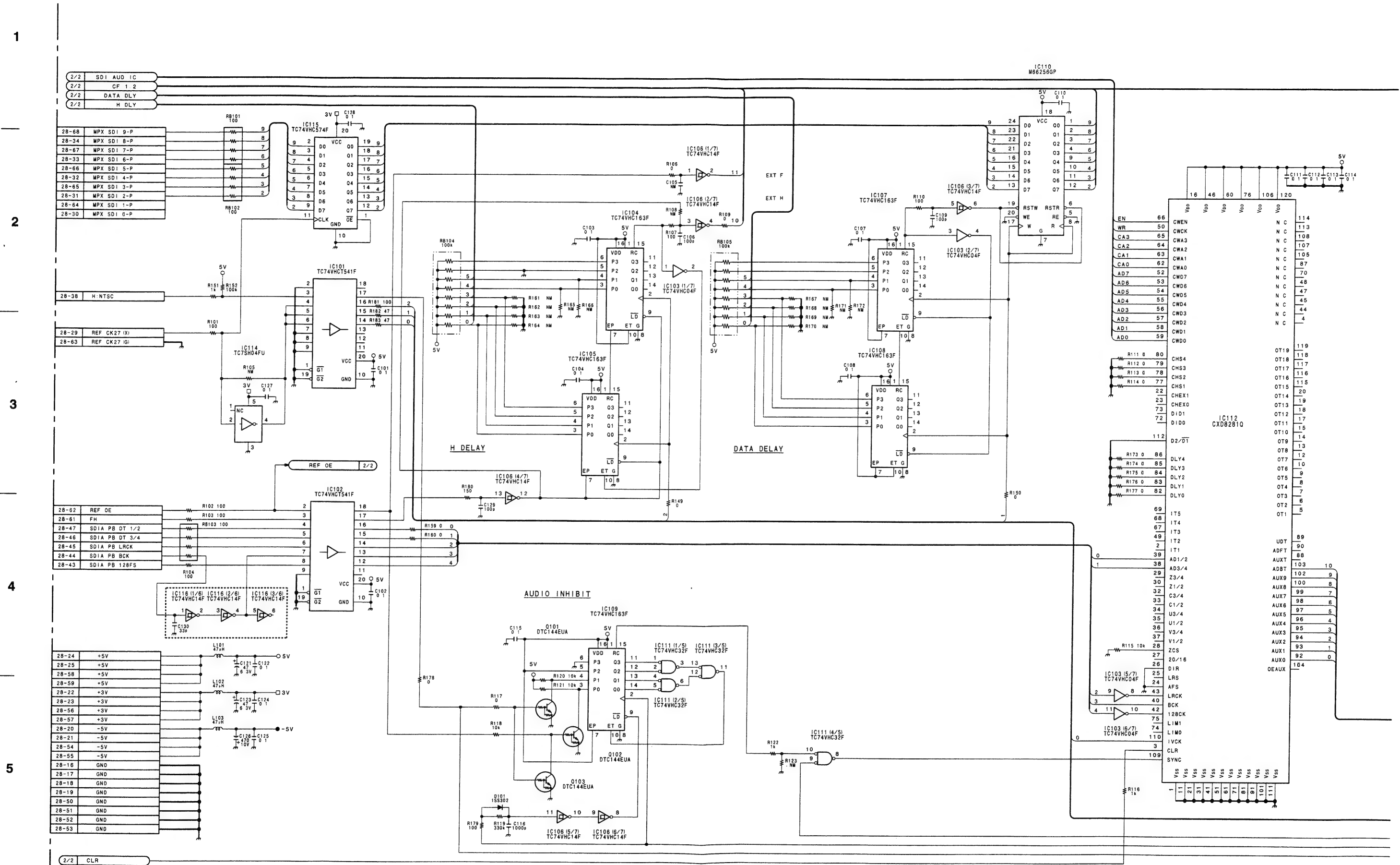


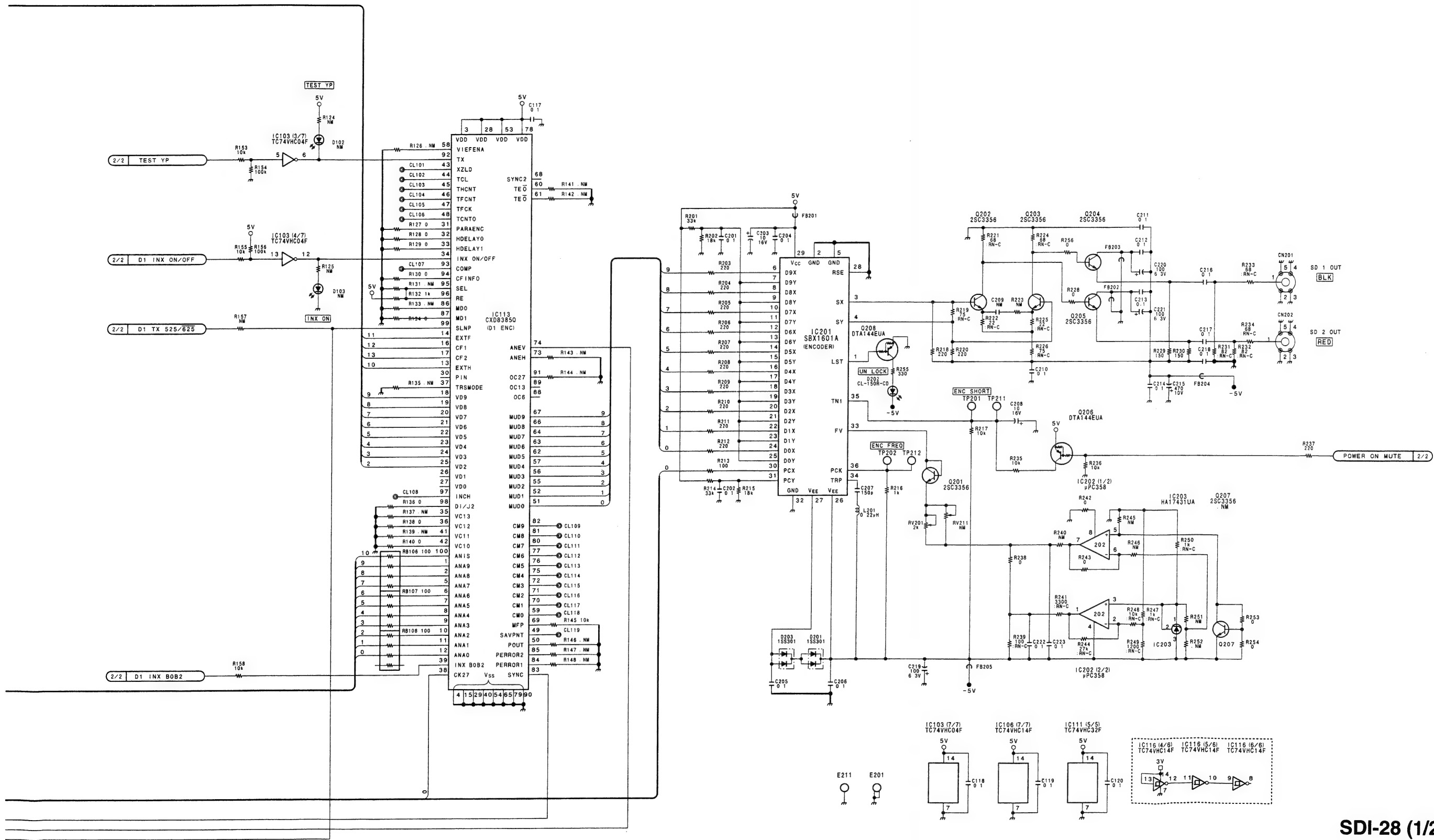






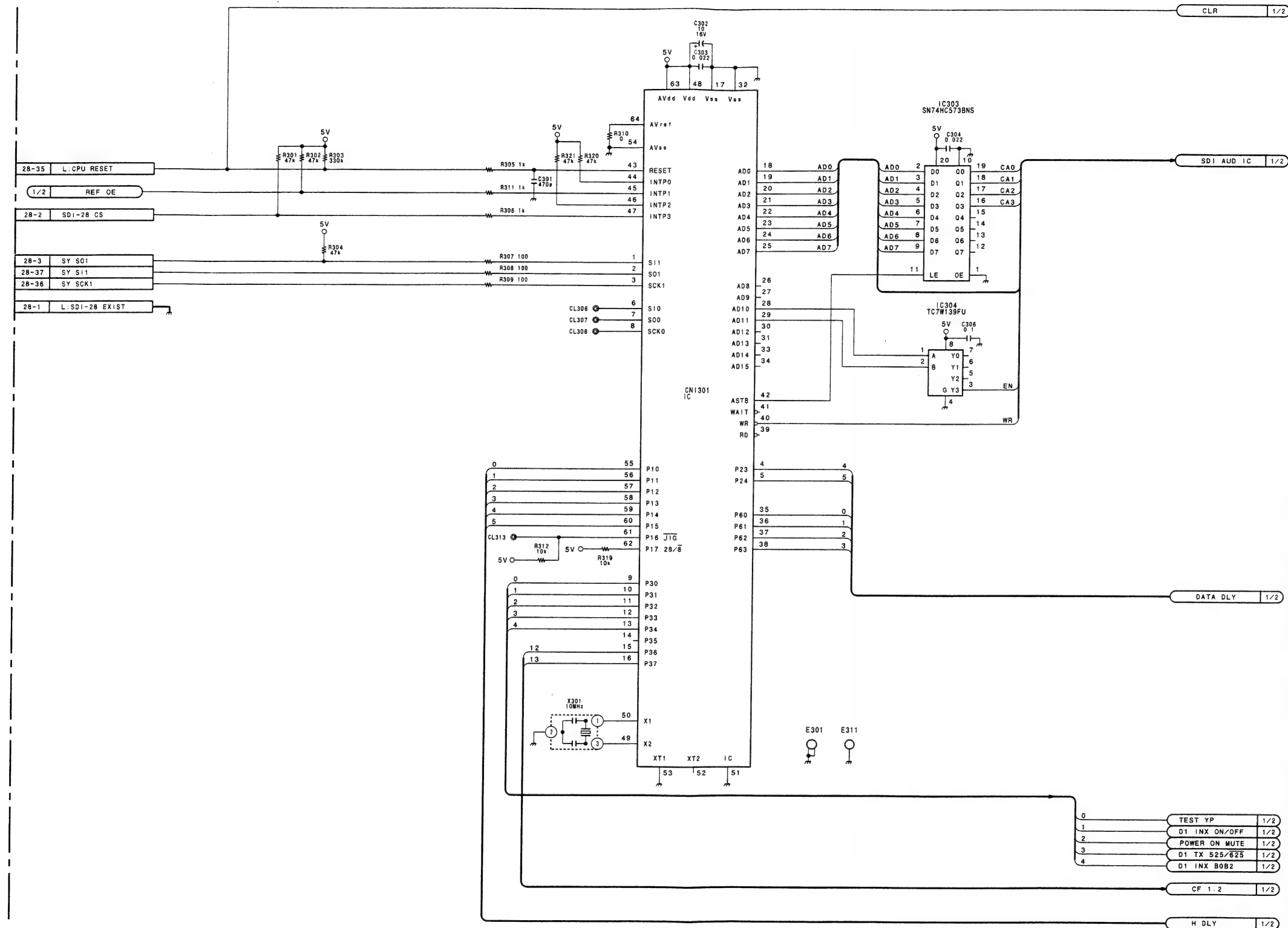
## SDI-28 (1/2): SDI OUTPUT INTERFACE





SDI-28 (1/2)  
MODEL DSBK-100/100P  
MODEL DSBK-120/120P

## SDI-28 (2/2): SDI OUTPUT INTERFACE



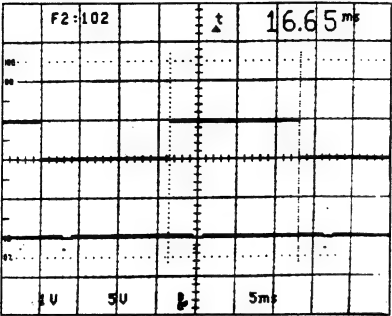
**SDI-28 (2/2)**  
MODEL DSBK-100/100P  
MODEL DSBK-120/120P

DSR-8)/80P/60/60P

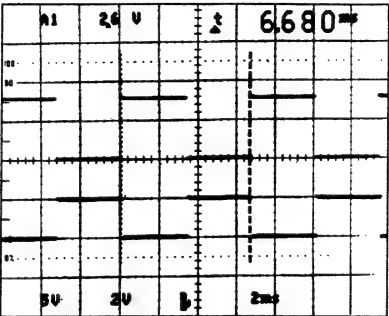
SV-184: SERVO SYSTEM

SV-184 (2/4)

① TP106 MODE: 75% Color Bar/PB (NTSC)

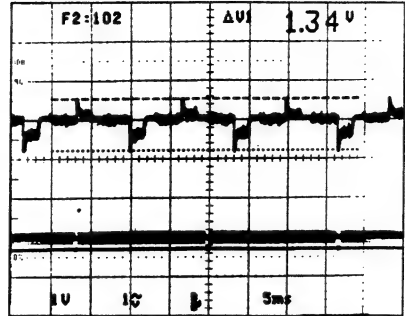


② TP207 MODE: 75% Color Bar/PB (NTSC)  
② TP107 MODE: 75% Color Bar/PB (NTSC)



SV-184 (3/4)

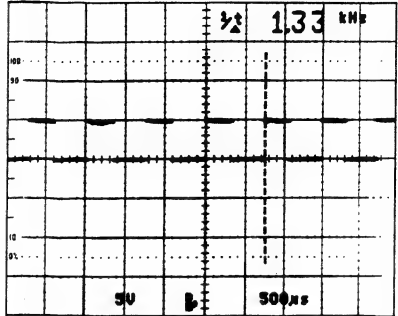
① TP205 MODE: 75% Color Bar/PB (NTSC)



(15μ PB mode)

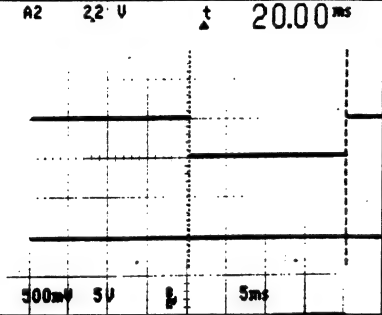
SV-184 (4/4)

① TP303 MODE: 75% Color Bar/PB (NTSC)  
TP305 MODE: 75% Color Bar/PB (NTSC)

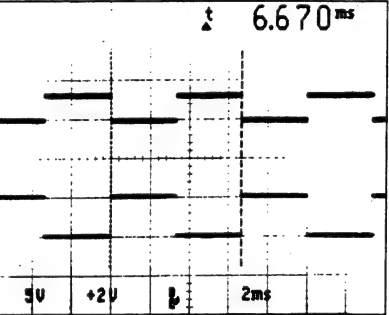


(15μ PB mode)

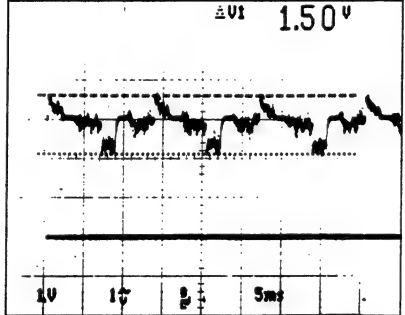
① TP106 MODE: 100% Color Bar/PB (PAL)



② TP207 MODE: 100% Color Bar/PB (PAL)  
② TP107 MODE: 100% Color Bar/PB (PAL)

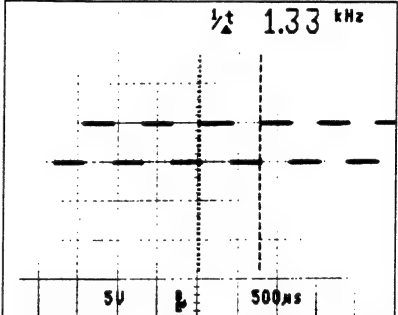


① TP205 MODE: 100% Color Bar/PB (PAL)



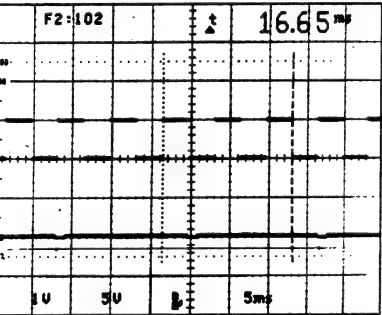
(15μ PB mode)

① TP305 MODE: 100% Color Bar/PB (PAL)  
TP303 MODE: 100% Color Bar/PB (PAL)



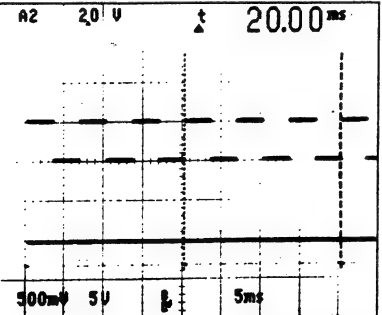
(15μ PB mode)

② TP107 MODE: 75% Color Bar/PB (NTSC)



(VS. Ref. in)

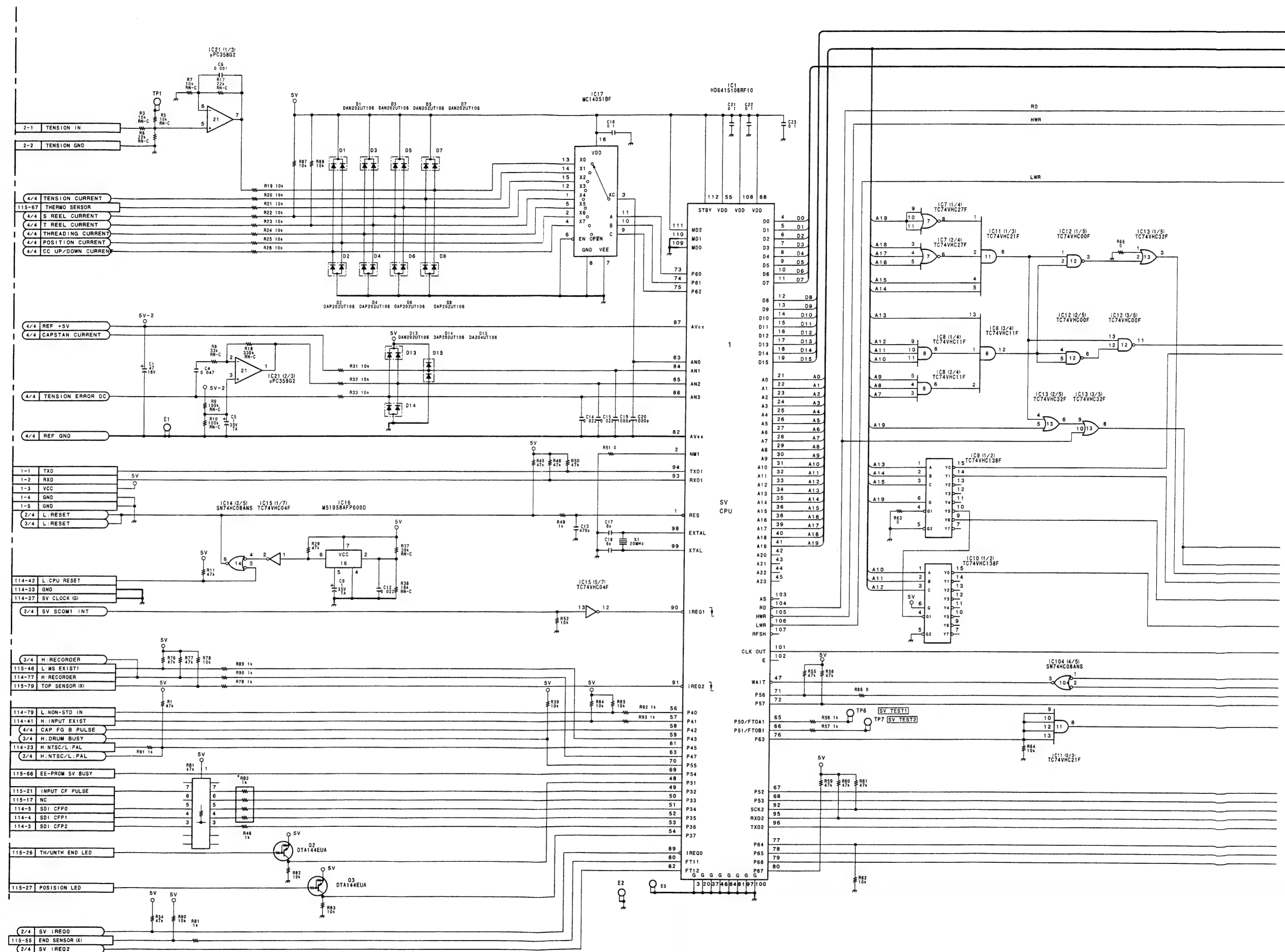
② TP107 MODE: 100% Color Bar/PB (PAL)



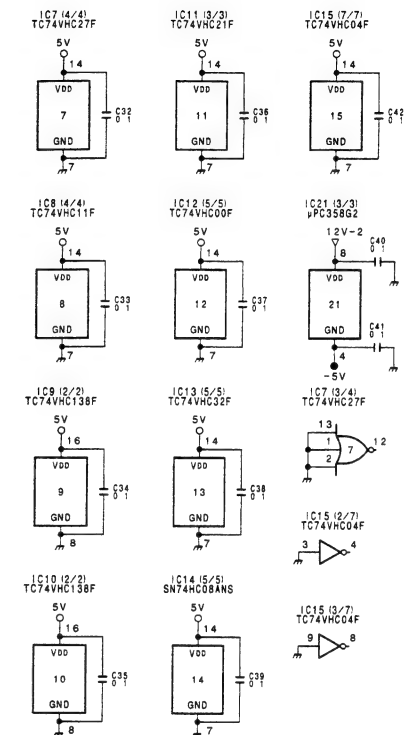
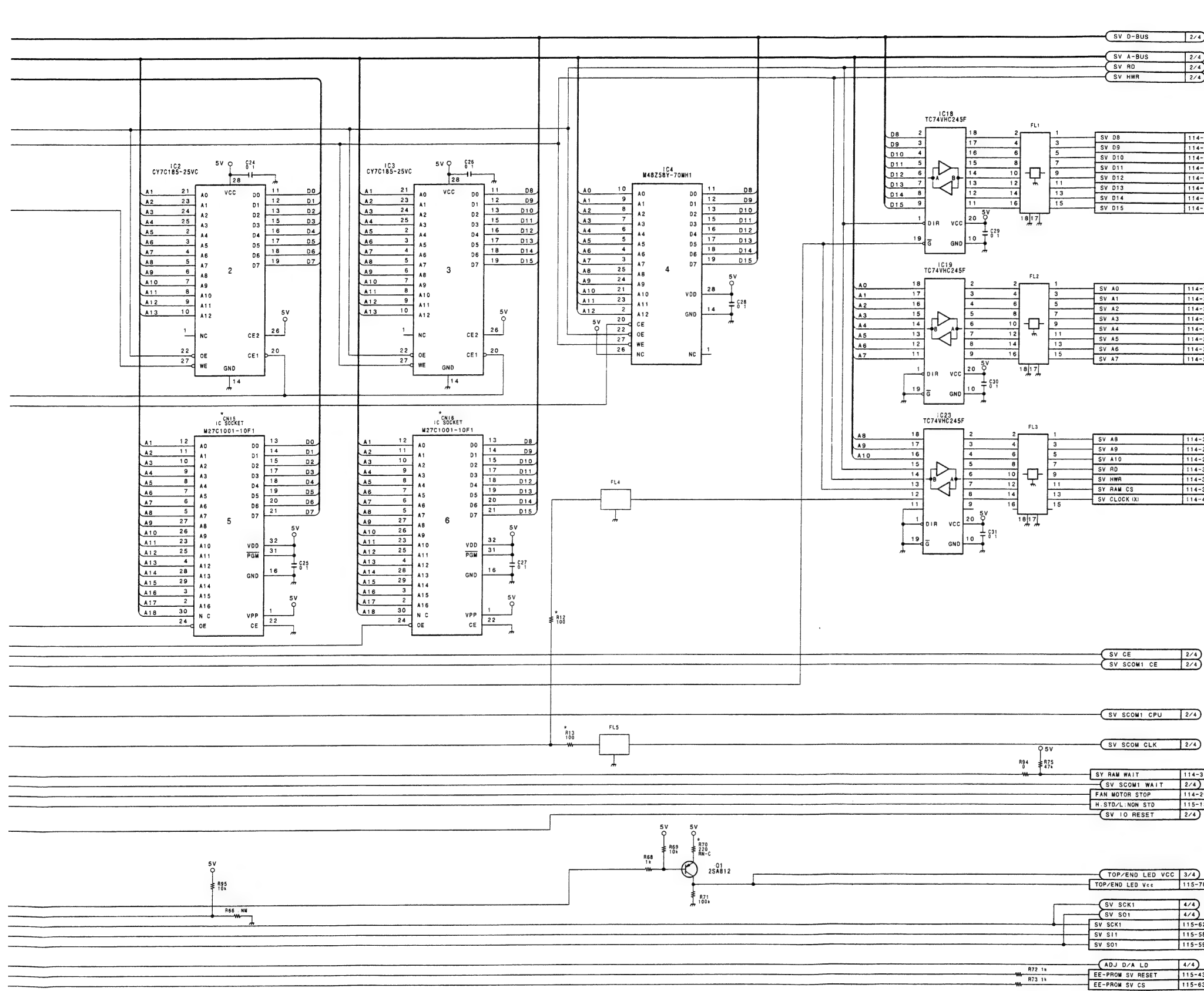
(VS. Ref. in)



### SV-184 (1/4): SERVO SYSTEM



13-128 (a)

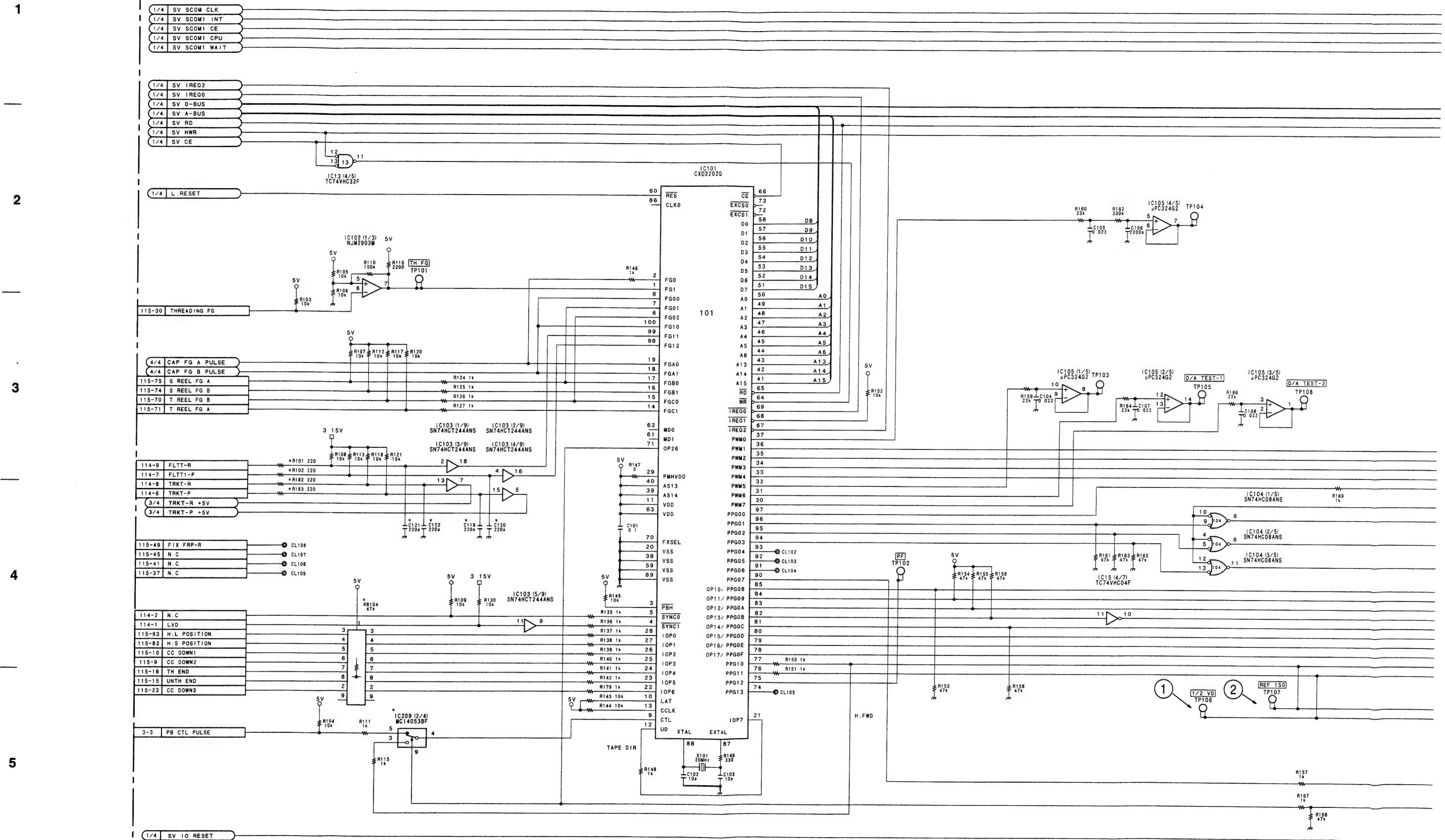


| SV-184A BOARD |                          |         |
|---------------|--------------------------|---------|
| REF. NO.      | CHANGED INFORMATION      | LOT NO. |
| IC5. 6        | M27C1001-10F1 → M27C1001 | 711     |
| IC5. 6        | M27C1001 → M27C1001-10F1 | 712-    |
| R12. 13       | 0 → 100                  | 701-    |
| R42-45        | DELETED                  | 706-    |
| R70           | 220 → 91                 | 701-707 |
| R70           | 91 → 220                 | 708-    |
| R82           | ADDED                    | 706-    |

| FIN. REF. |    |
|-----------|----|
| R         | 95 |
| C         | 42 |
| RB        | 1  |
| D         | 11 |
| Q         | 3  |
| IC        | 23 |
| X         |    |
| PS        |    |
| CL        | 3  |
| S         |    |
| TP        | 8  |
| E         | 3  |

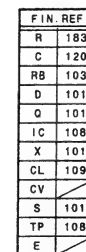
**SV-184 (1/4)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

## SV-184 (2/4): SERVO SYSTEM



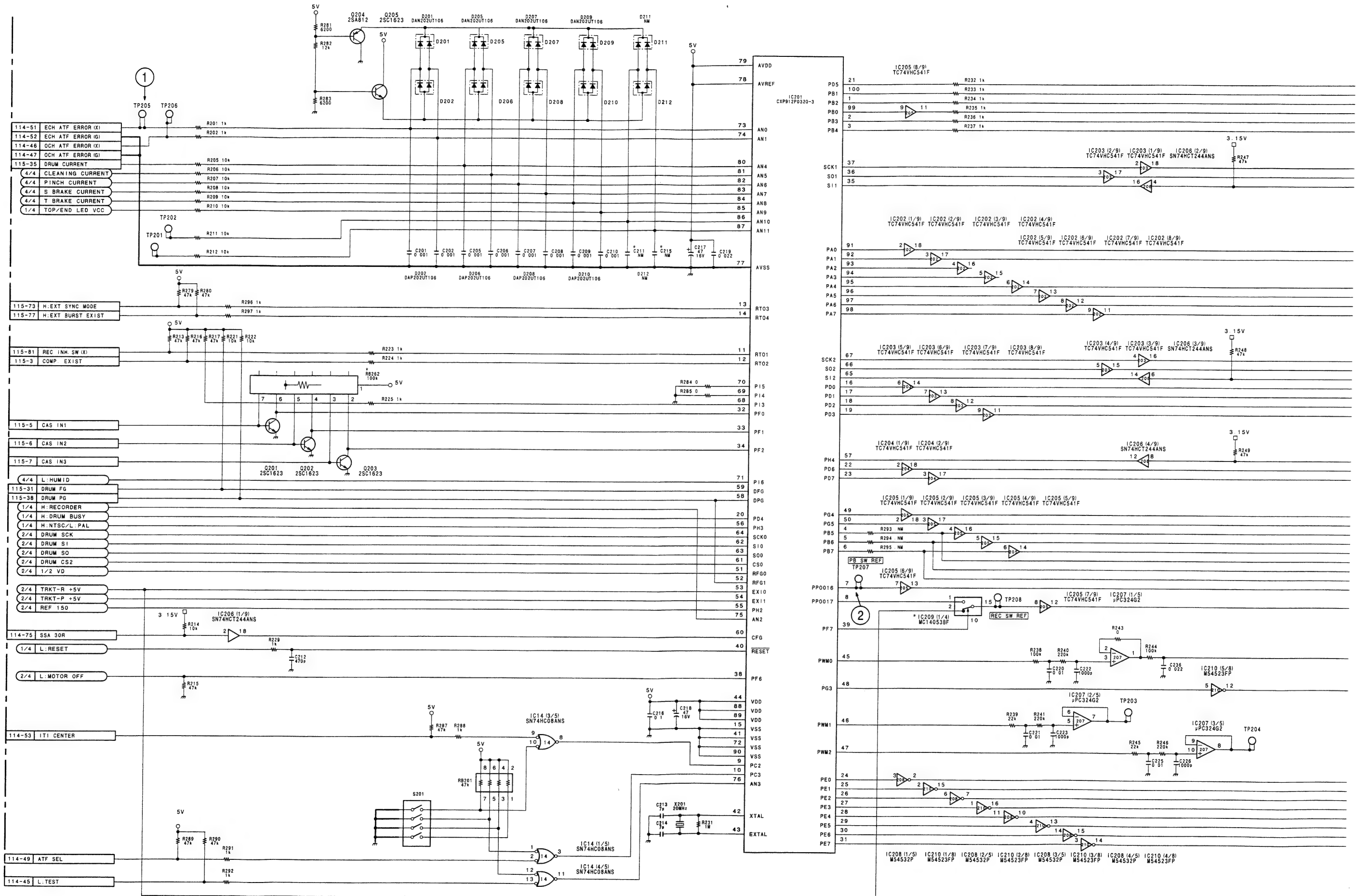
13-130 (a)

13-130 (a)



BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

## SV-184 (3/4): SERVO SYSTEM



13-132 (a)

13-132 (a)

DSR-80/80P/60/60P



|  |                   |        |
|--|-------------------|--------|
|  | ATF SW            | 114-80 |
|  | ECH ATF GAIN CONT | 114-48 |
|  | ECH ATF RF CUT    | 114-50 |
|  | SUBCODE AREA      | 114-74 |
|  | OCH ATF GAIN CONT | 114-43 |
|  | OCH ATF RF CUT    | 114-44 |

|          |         |        |
|----------|---------|--------|
| R250 100 | SV SCK2 | 114-63 |
| R251 100 | SV S02  | 114-62 |
|          | SV S12  | 114-61 |

|         |            |        |
|---------|------------|--------|
| R252 1k | CHCD-P1 CS | 114-68 |
| R253 1k | CHCD-P2 CS | 114-69 |

|         |            |        |
|---------|------------|--------|
| R256 1k | RP D/A LD1 | 114-57 |
| R257 1k | RP D/A LD2 | 114-58 |
| R258 1k | RP D/A LD3 | 114-59 |
| R259 NM | NC         | 114-60 |

|          |            |        |
|----------|------------|--------|
| R260 100 | SV SCK3    | 114-67 |
| R261 100 | SV S03     | 114-66 |
|          | SV S13     | 114-65 |
| R262 1k  | CHCD-R1 CS | 114-70 |
| R263 1k  | CHCD-R2 CS | 114-71 |
| R264 1k  | FIFO-R CS  | 114-78 |
| R265 NM  | NC         | 114-64 |

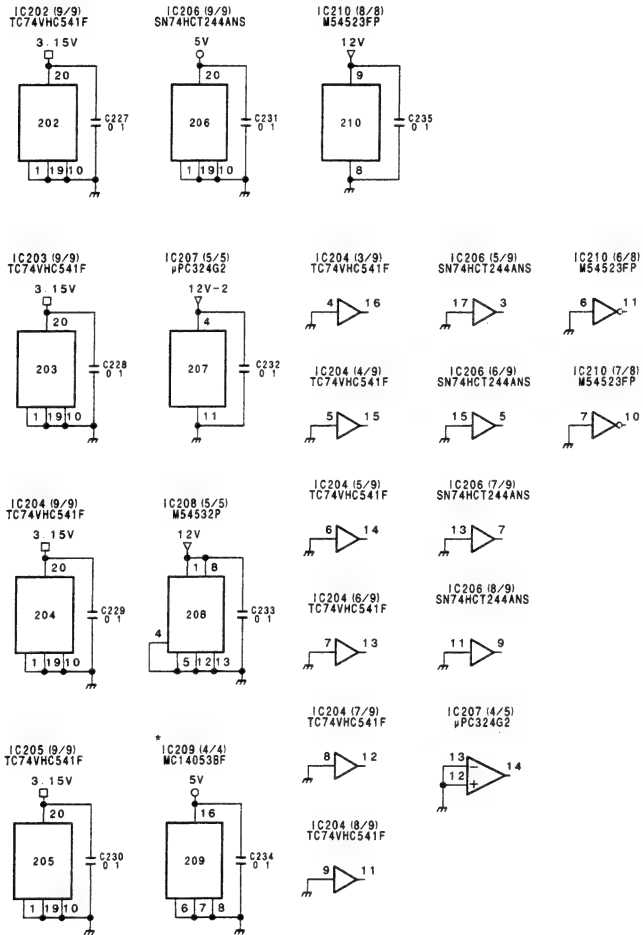
|         |                  |        |
|---------|------------------|--------|
| R266 1k | EE-PROM RP BUSY  | 114-54 |
| R267 1k | EE-PROM RP CS    | 114-55 |
|         | EE-PROM RP RESET | 114-56 |

|         |              |        |
|---------|--------------|--------|
| R268 1k | L:CHCD RESET | 114-72 |
| R269 NM | NC           | 114-10 |
| R270 NM | FRAME PULSE  | 115-61 |
| R271 1k | SFY-P BANK   | 115-53 |
| R272 1k | SFY-P TBC EN | 115-57 |
| R276 1k | FRAME PULSE  | 2/4    |
| R277 0  | SFY P BANK   | 2/4    |
| R278 0  | SFY P REN    | 2/4    |
| R273 1k | PB SW REF    | 114-73 |
| R274 1k | REC SW REF   | 114-76 |

|  |            |        |
|--|------------|--------|
|  | DRUM DRIVE | 115-36 |
|--|------------|--------|

|         |               |        |
|---------|---------------|--------|
| R275 1k | DRUM DIR CONT | 115-34 |
|---------|---------------|--------|

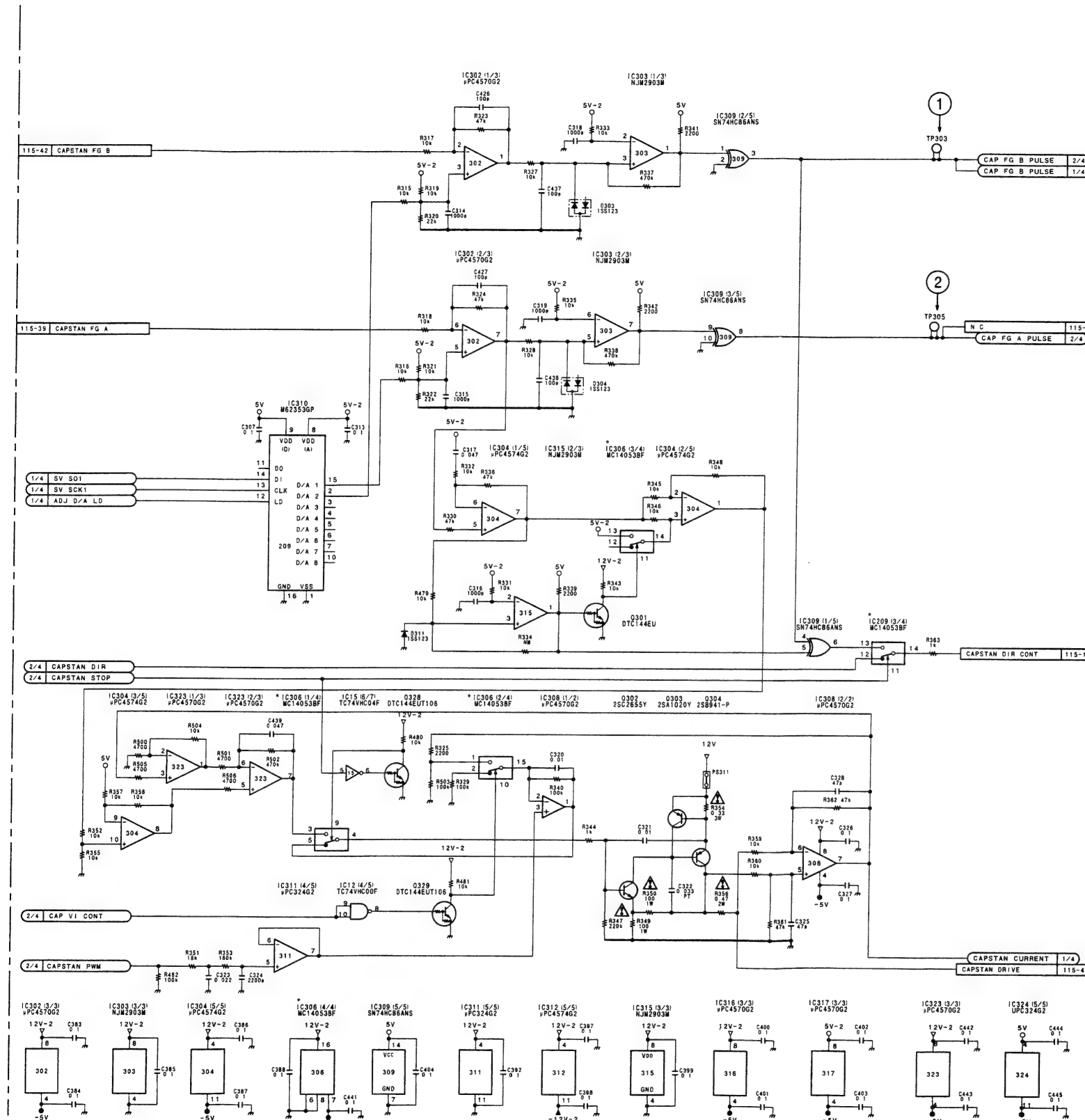
|  |                       |        |
|--|-----------------------|--------|
|  | PINCH SOL. STARTER    | 115-12 |
|  | PINCH SOL. HOLDER     | 115-16 |
|  | S BRAKE SOL. STARTER  | 115-72 |
|  | S BRAKE SOL. HOLDER   | 115-68 |
|  | T BRAKE SOL. STARTER  | 115-52 |
|  | T BRAKE SOL. HOLDER   | 115-48 |
|  | CLEANING SOL. STARTER | 115-20 |
|  | CLEANING SOL. HOLDER  | 115-29 |



| REF NO    | CHANGED INFORMATION        | LOT NO. |
|-----------|----------------------------|---------|
| C211, 215 | DELETED                    | 706-    |
| IC209     | MC14053BF-T2 → MC14053BFEL | 804-    |
| R218-220  | DELETED                    | 706-    |
| R226-228  |                            |         |
| RB262     | ADDED                      |         |

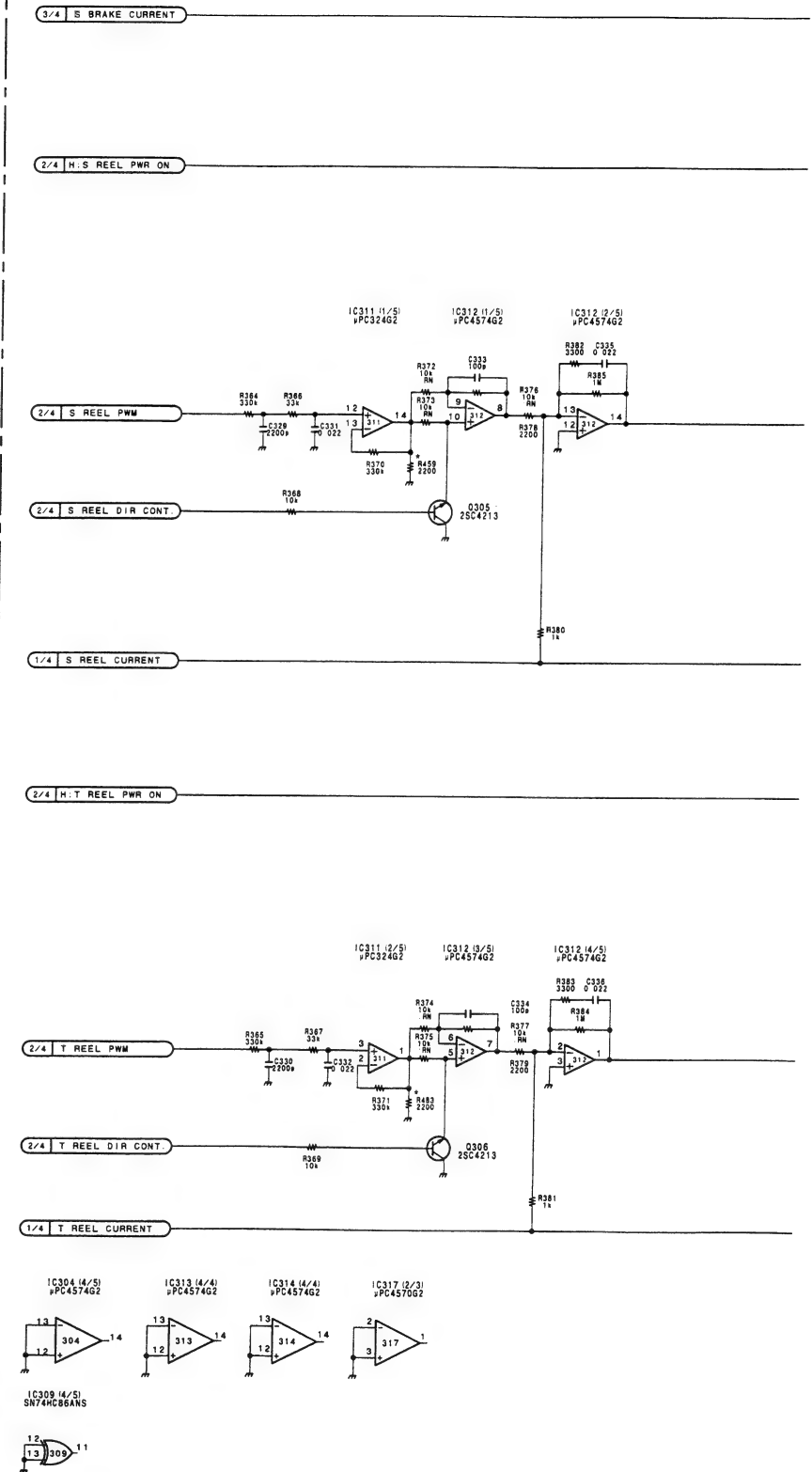
| FIN. REF |
|----------|
| R 297    |
| C 236    |
| RB 201   |
| D 212    |
| Q 205    |
| IC 210   |
| X        |
| PS       |
| CL 208   |
| S 201    |
| TP 208   |
| E        |

## SV-184 (4/4): SERVO SYSTEM

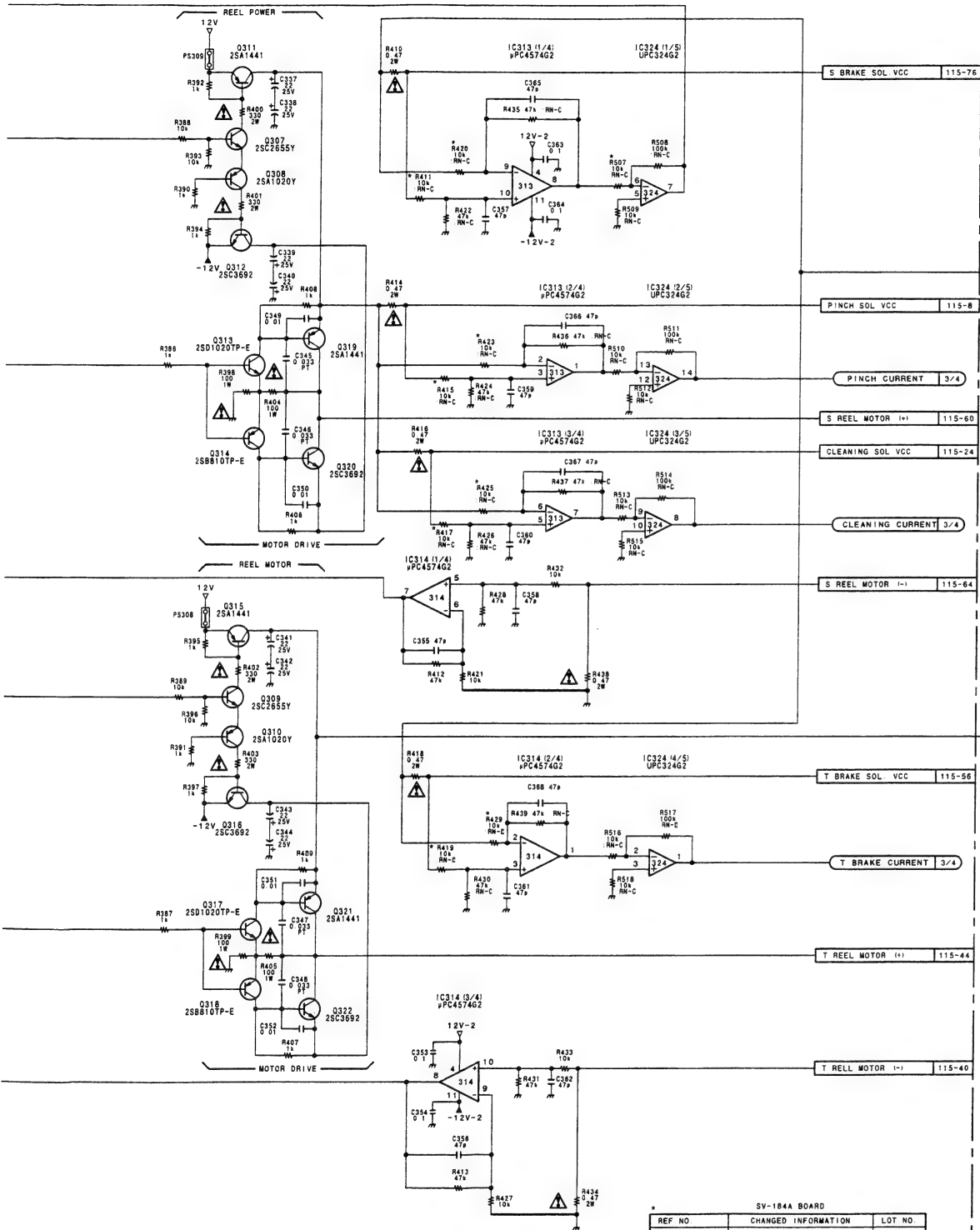


13-134 (a)

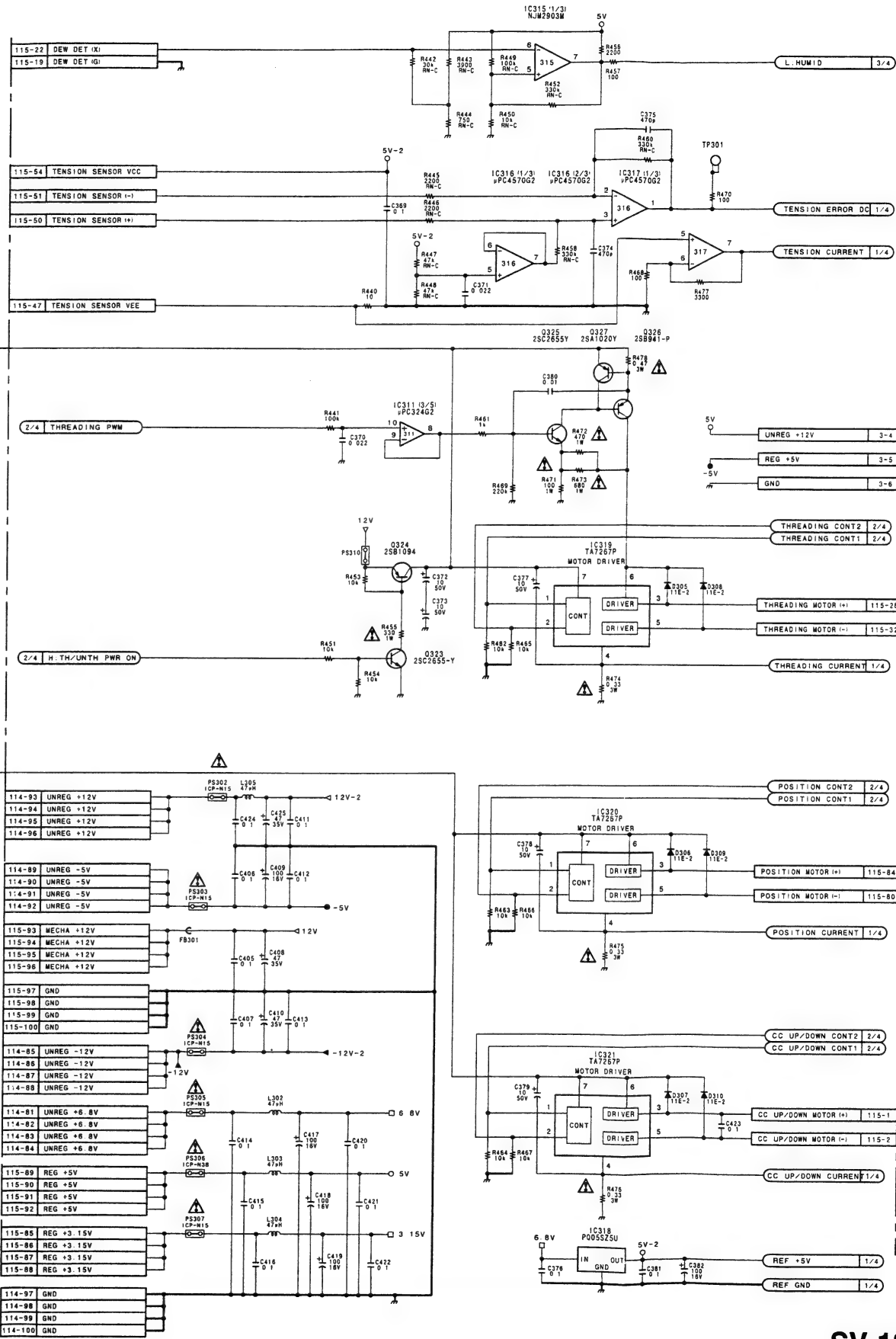
13-134 (a)



DSR-80/80P/60/60P



| SV-184A BOARD  |                                 |         |
|----------------|---------------------------------|---------|
| REF. NO.       | CHANGED INFORMATION             | LOT NO. |
| CN3            | DELETED                         | 709-    |
| IC209          | MC14053BF-T2 → MC14053BFEL 804- |         |
| IC306          |                                 |         |
| R411, 415, 417 | 100 → 10k                       | 707-    |
| R419, 420, 423 |                                 |         |
| R425, 429, 507 |                                 |         |
| R458, 483      | ADDED                           | 709-    |



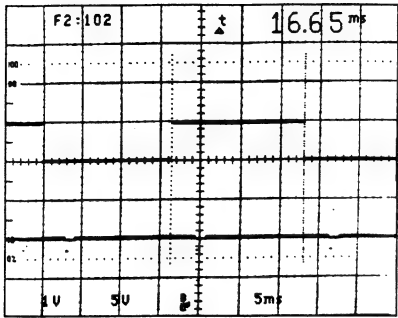
| FIN. REF. |     |
|-----------|-----|
| R         | 518 |
| C         | 445 |
| RB        |     |
| D         | 311 |
| Q         | 329 |
| IC        | 324 |
| X         |     |
| PS        | 311 |
| L         | 305 |
| SP        | 306 |
| E         | 302 |

SV-184 (4/4)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

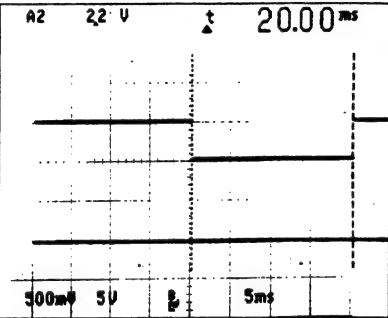


SV-184: SERVO SYSTEM

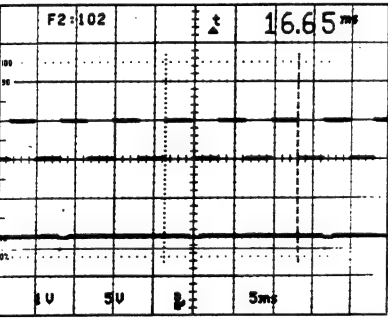
SV-184 (2/4)  
① TP106 MODE: 75% Color Bar/PB (NTSC)



① TP106 MODE: 100% Color Bar/PB (PAL)

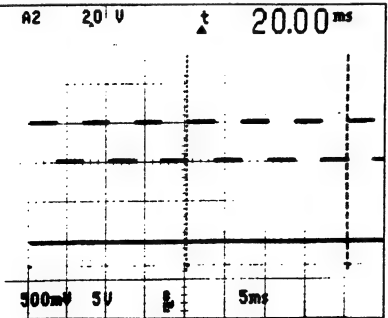


② TP107 MODE: 75% Color Bar/PB (NTSC)



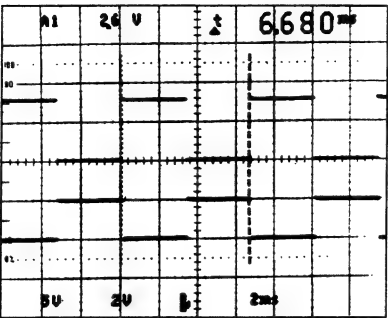
(VS. Ref. in)

② TP107 MODE: 100% Color Bar/PB (PAL)

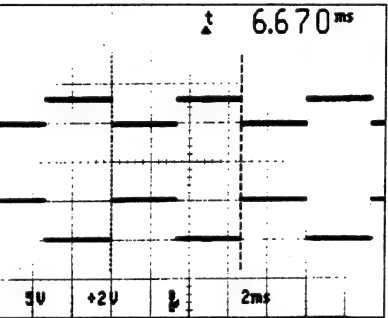


(VS. Ref. in)

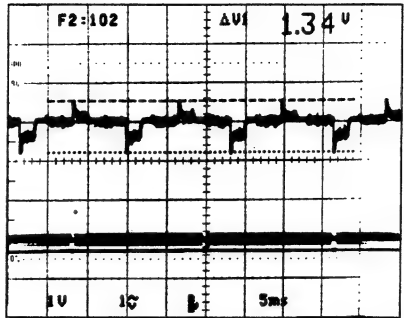
② TP207 MODE: 75% Color Bar/PB (NTSC)  
② TP107 MODE: 75% Color Bar/PB (NTSC)



② TP207 MODE: 100% Color Bar/PB (PAL)  
② TP107 MODE: 100% Color Bar/PB (PAL)

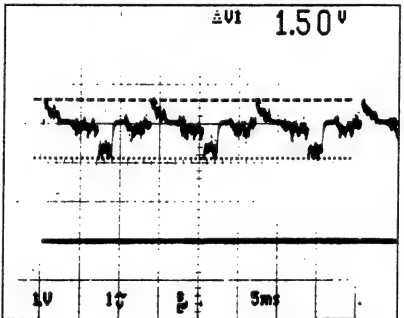


SV-184 (3/4)  
① TP205 MODE: 75% Color Bar/PB (NTSC)



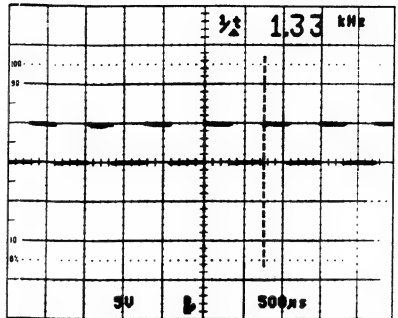
(15μ PB mode)

① TP205 MODE: 100% Color Bar/PB (PAL)



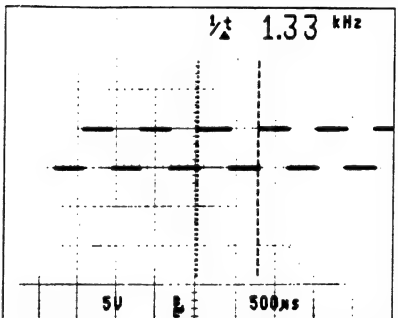
(15μ PB mode)

SV-184 (4/4)  
① TP303 MODE: 75% Color Bar/PB (NTSC)  
TP305 MODE: 75% Color Bar/PB (NTSC)



(15μ PB mode)

① TP305 MODE: 100% Color Bar/PB (PAL)  
TP303 MODE: 100% Color Bar/PB (PAL)



(15μ PB mode)



SV-184 (1/4): SERVO SYSTEM

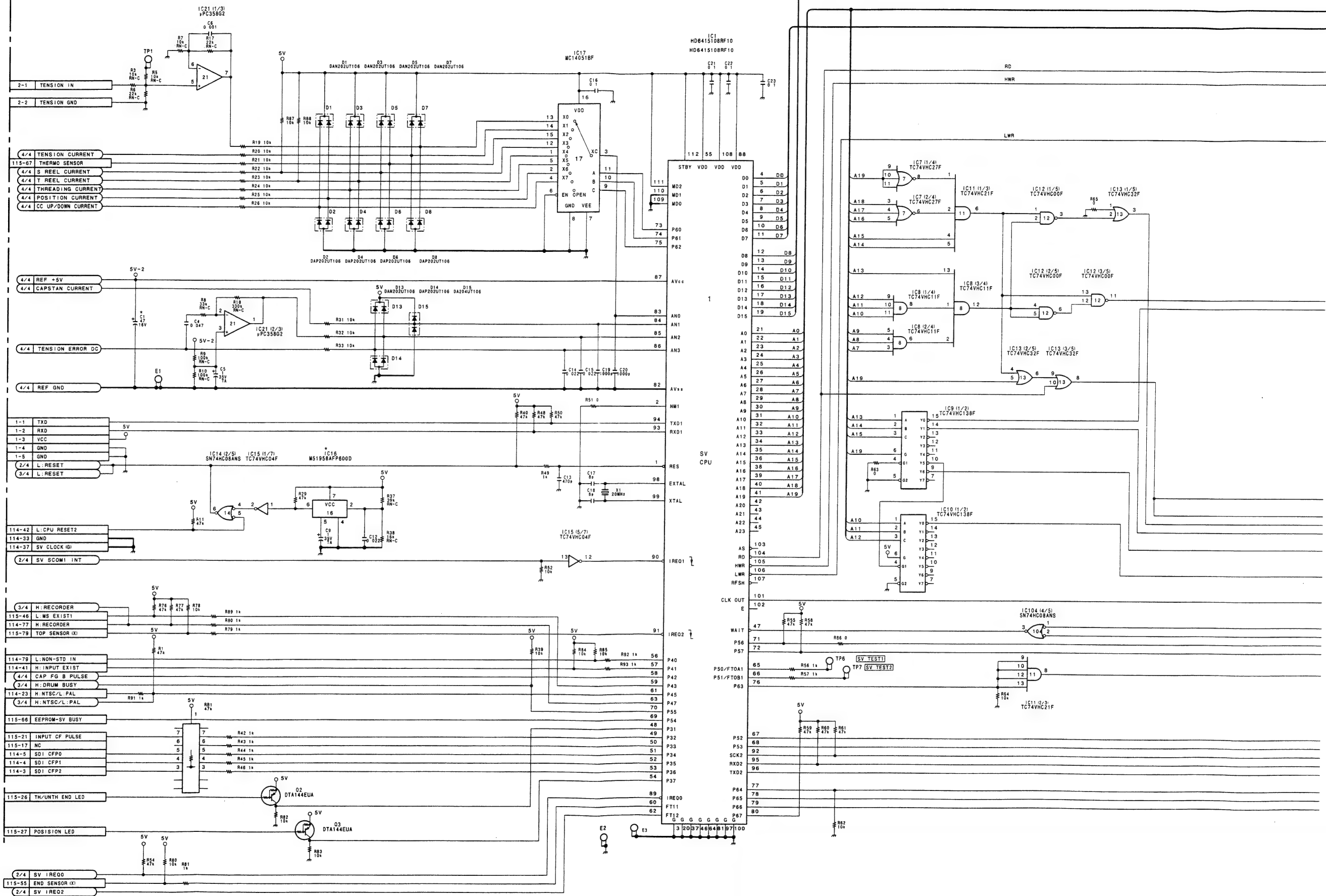
1

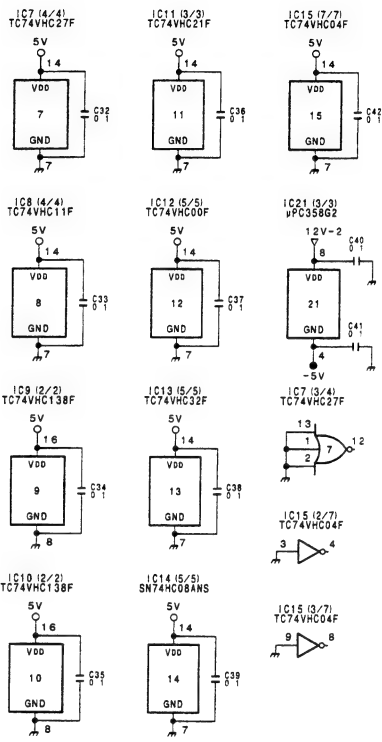
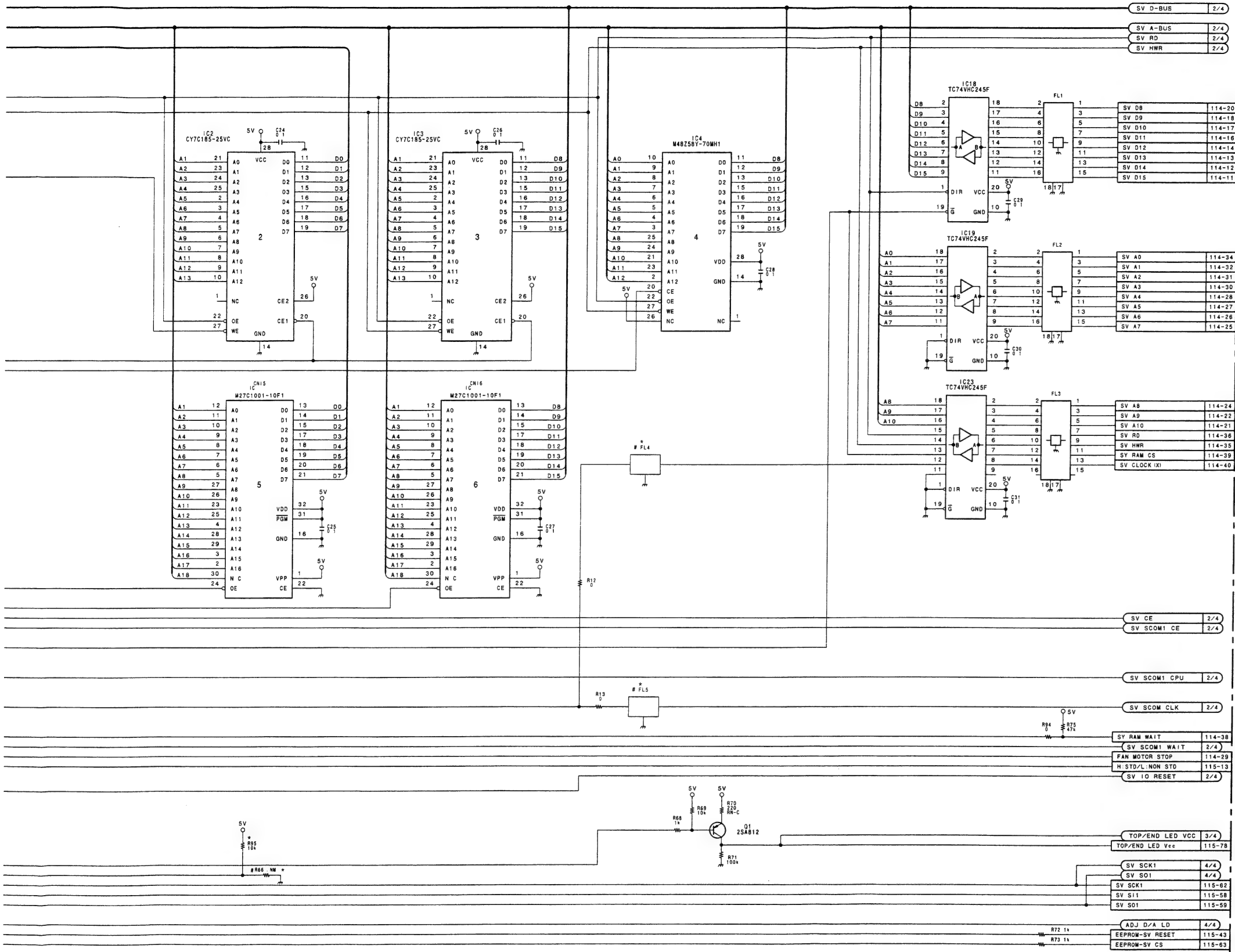
2

3

4

5



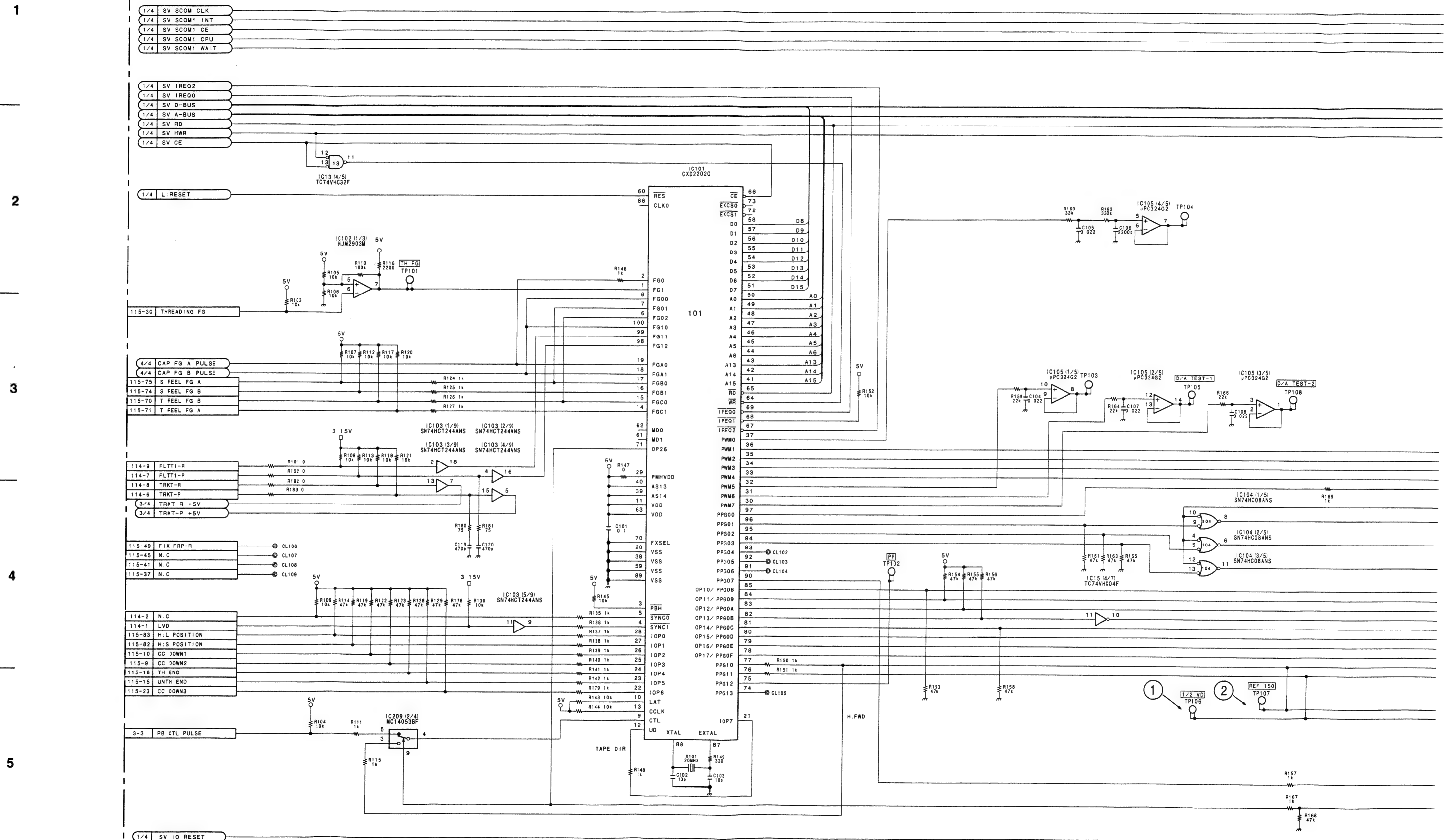


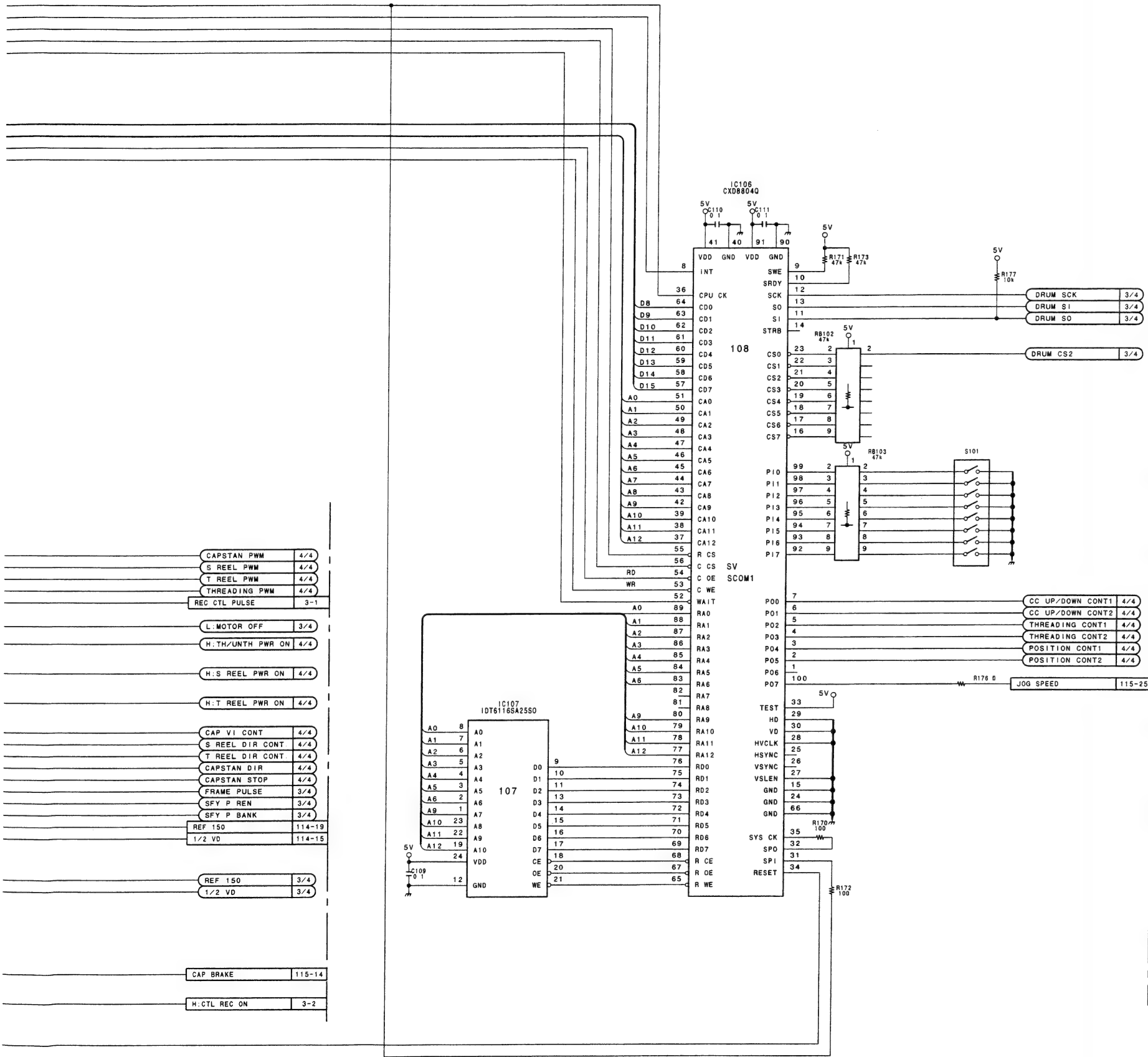
| SV-184 BOARD |                            |         |
|--------------|----------------------------|---------|
| REF NO.      | CHANGED INFORMATION        | LOT NO. |
| C1           | 47 → 47 16V                | 701-    |
| FL4.5        | ADDED                      |         |
| IC16         | M51958A-T1 → M51958AFP6000 |         |
| R66          | DELETED                    |         |
| R95          | ADDED                      |         |

| SV-184 BOARD | -11, 12 | -13          |
|--------------|---------|--------------|
| FL4.5        | NM      | 1-233-314-11 |
| R66          | 10K     | NM           |

**SV-184 (1/4)**  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P

## SV-184 (2/4): SERVO SYSTEM

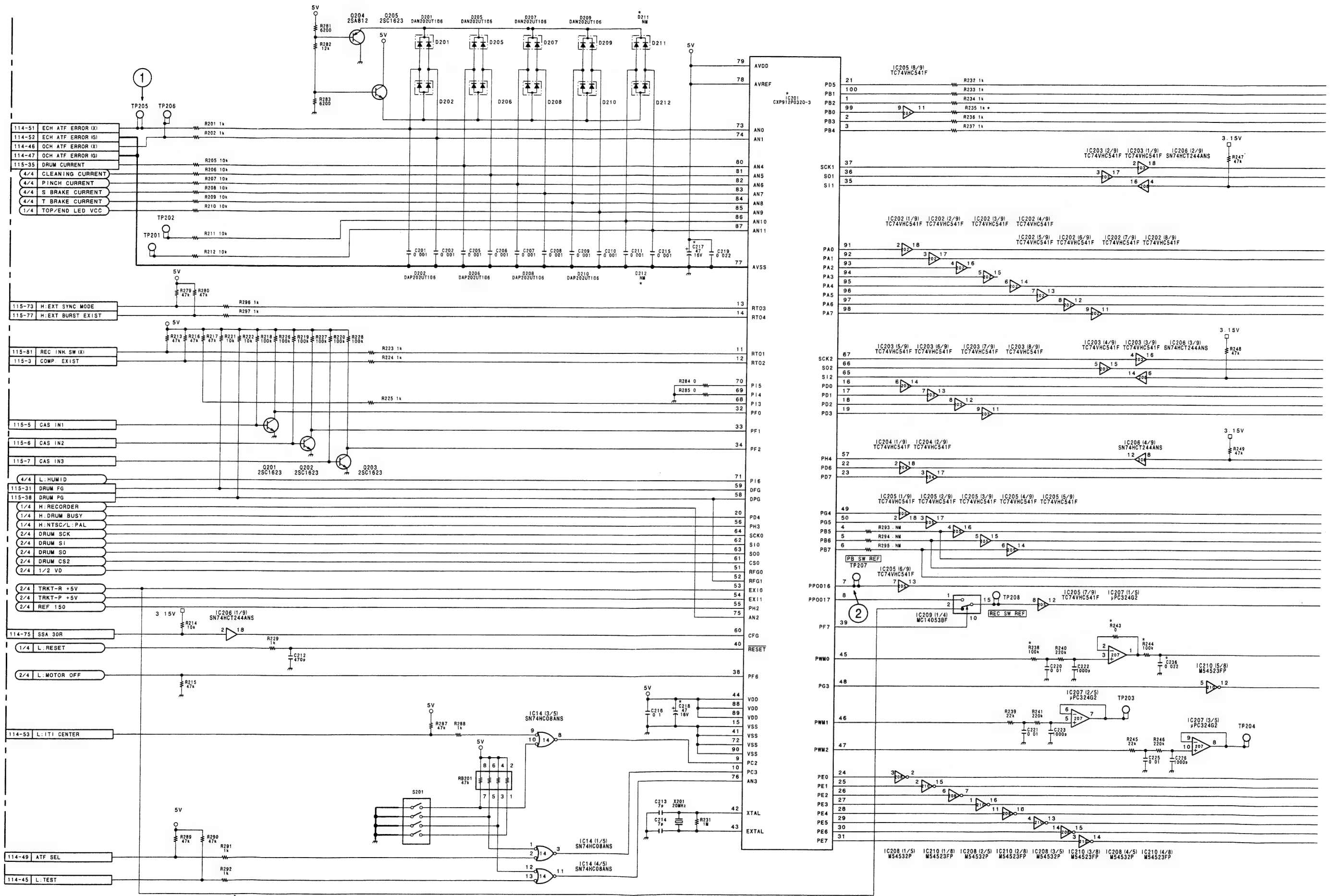




| FIN REF |     |
|---------|-----|
| R       | 183 |
| C       | 120 |
| RB      | 103 |
| D       | 101 |
| Q       | 101 |
| IC      | 108 |
| X       | 101 |
| CL      | 109 |
| CV      | 101 |
| S       | 101 |
| TP      | 108 |
| E       |     |

SV-184 (2/4)  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P

### SV-184 (3/4): SERVO SYSTEM





|  |                       |        |
|--|-----------------------|--------|
|  | PINCH SOL. STARTER    | 115-12 |
|  | PINCH SOL. HOLDER     | 115-16 |
|  | S BRAKE SOL. STARTER  | 115-72 |
|  | S BRAKE SOL. HOLDER   | 115-68 |
|  | T BRAKE SOL. STARTER  | 115-52 |
|  | T BRAKE SOL. HOLDER   | 115-48 |
|  | CLEANING SOL. STARTER | 115-20 |
|  | CLEANING SOL. HOLDER  | 115-29 |

| FIN. REF |     |
|----------|-----|
| R        | 297 |
| C        | 236 |
| RB       | 201 |
| D        | 212 |
| Q        | 205 |
| IC       | 210 |
| X        |     |
| PS       |     |
| CL       | 208 |
| S        | 201 |
| TP       | 208 |
| E        |     |

SV-184 (4/4): SERVO SYSTEM

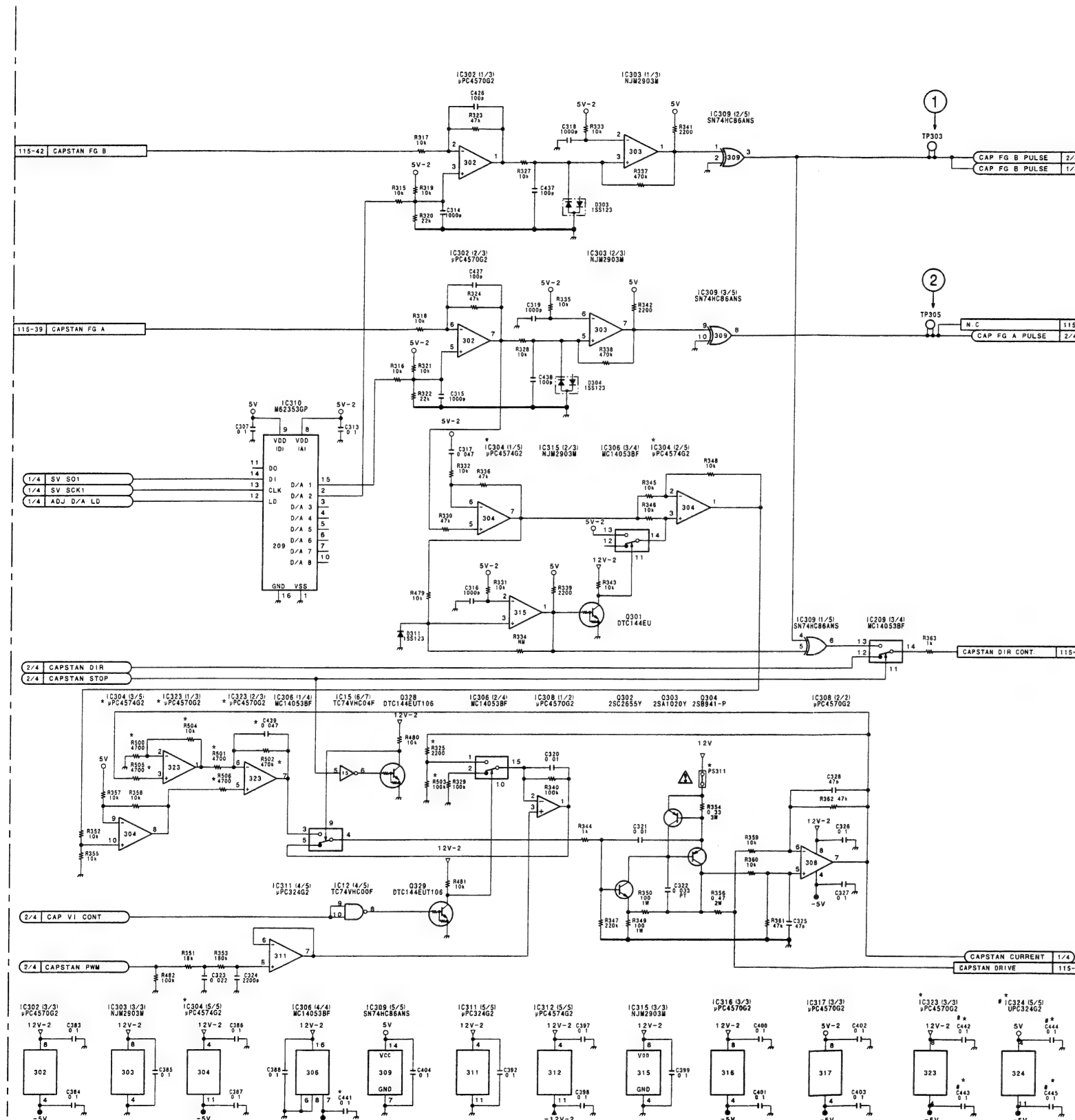
1

2

3

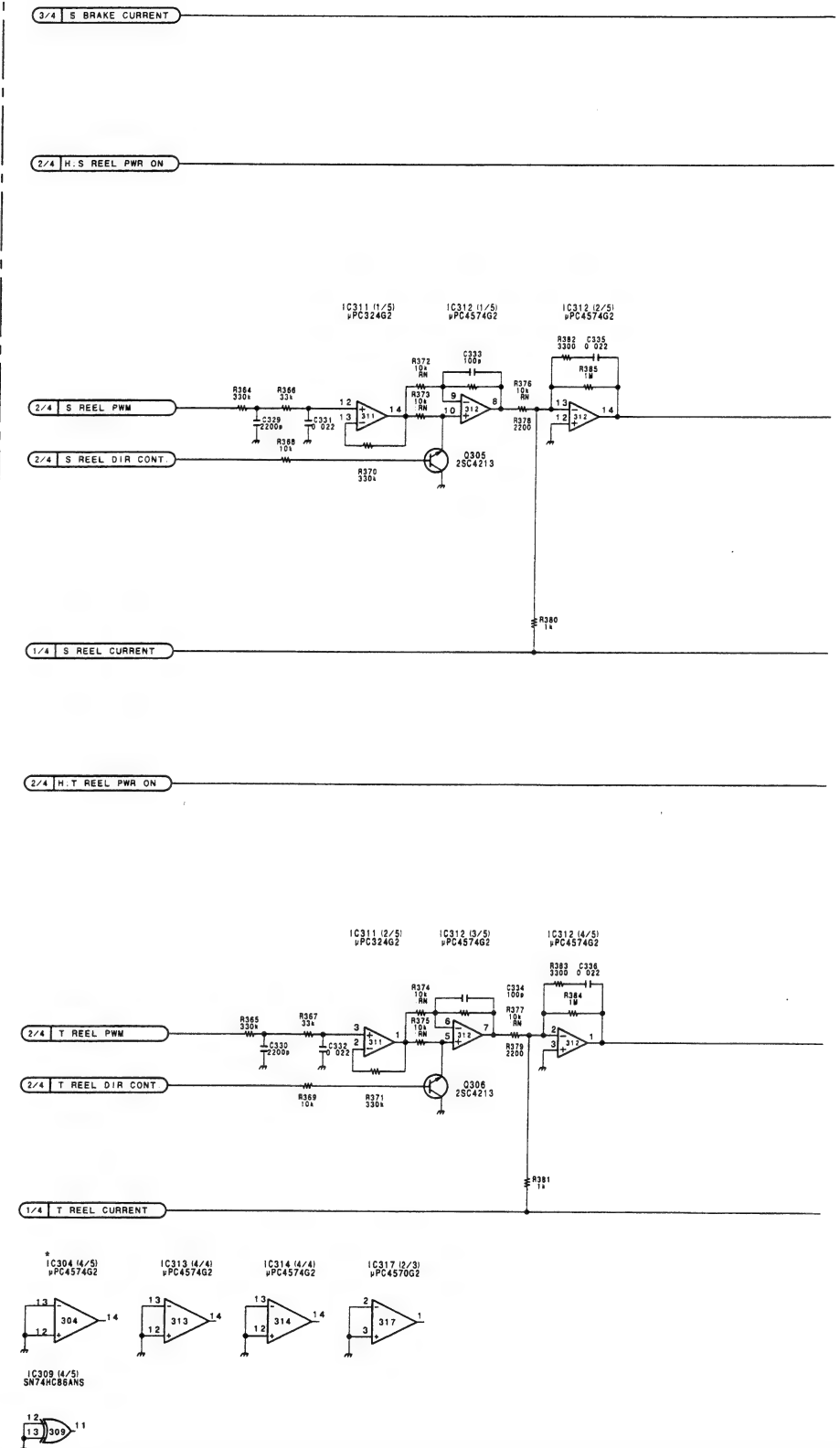
4

5



13-134

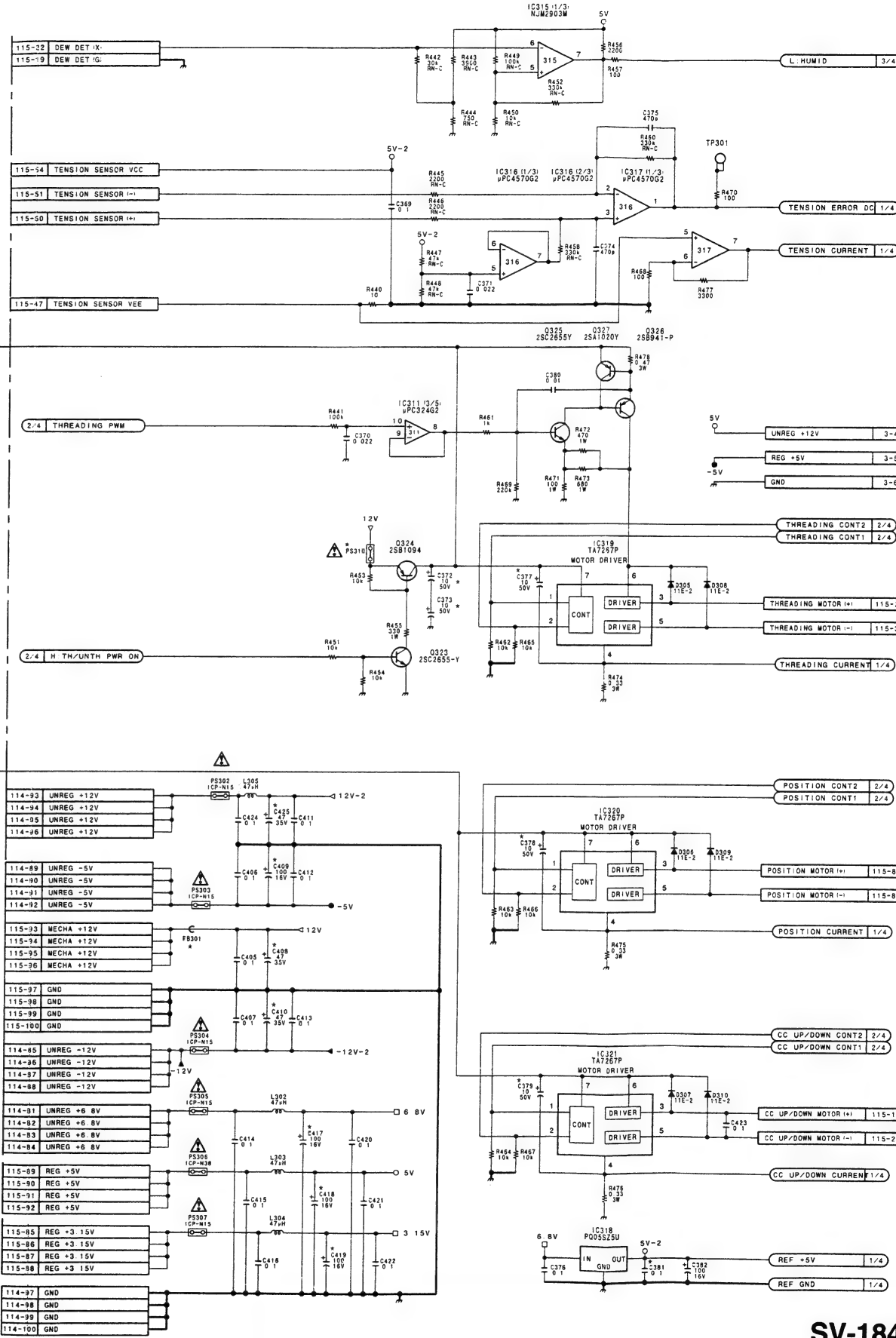
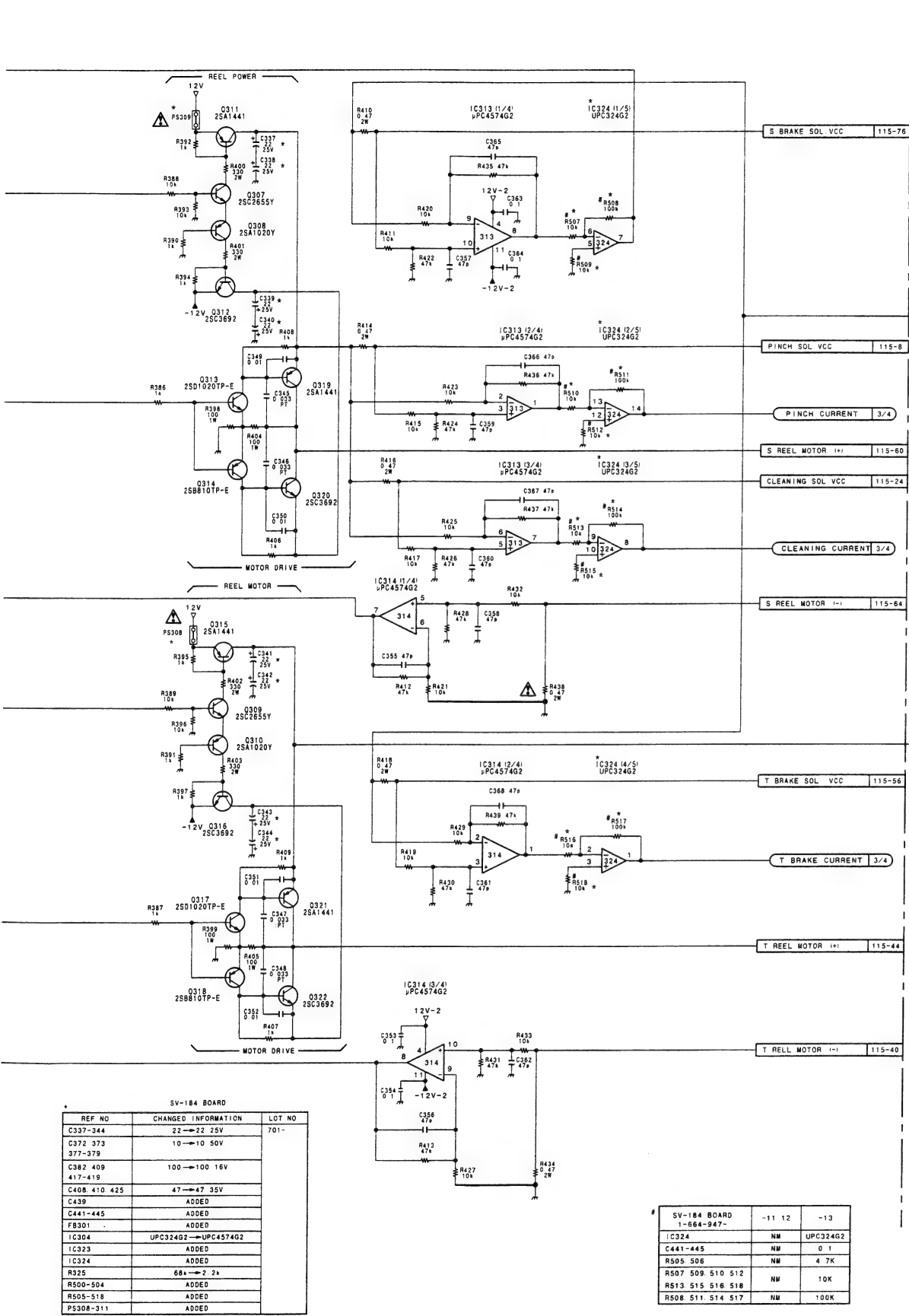
13-134



F

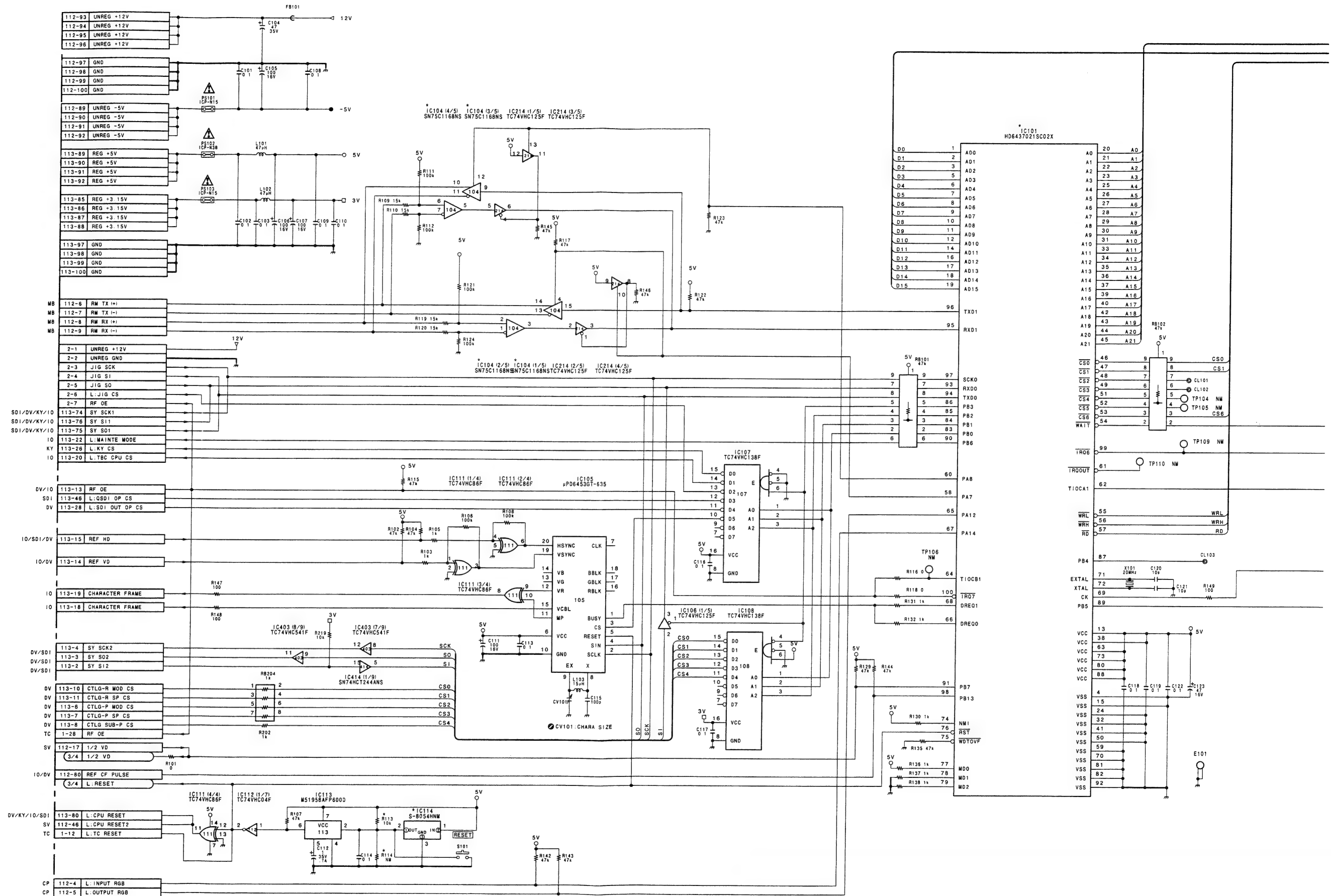
G

H



SV-184 (4/4)  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P

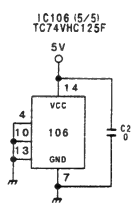
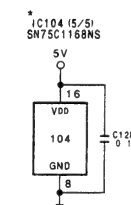
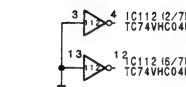
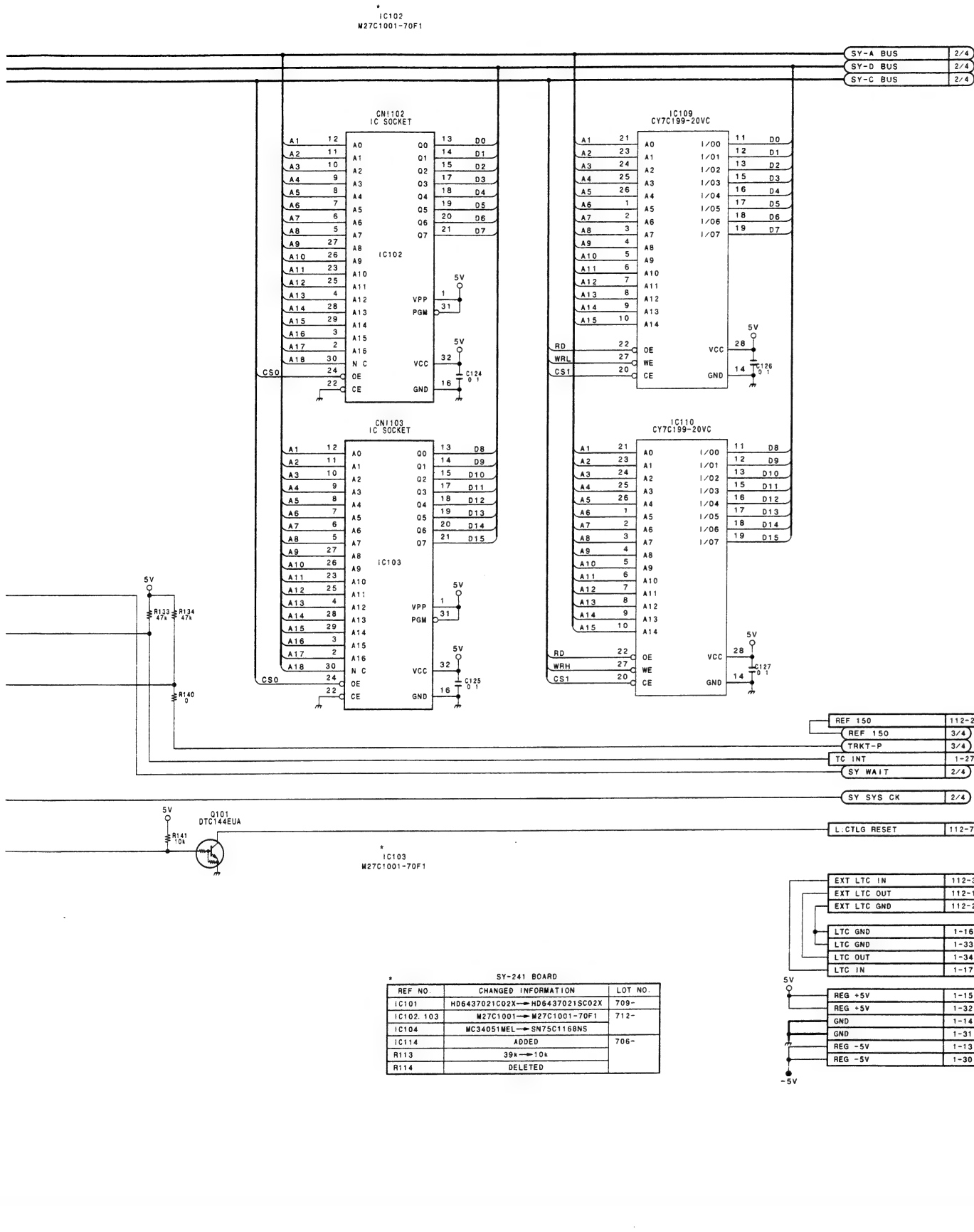
## SY-241/241B (1/4): SYSTEM CONTROL



13-136 (a)

13-136 (a)

SR-80/80P/60/60P



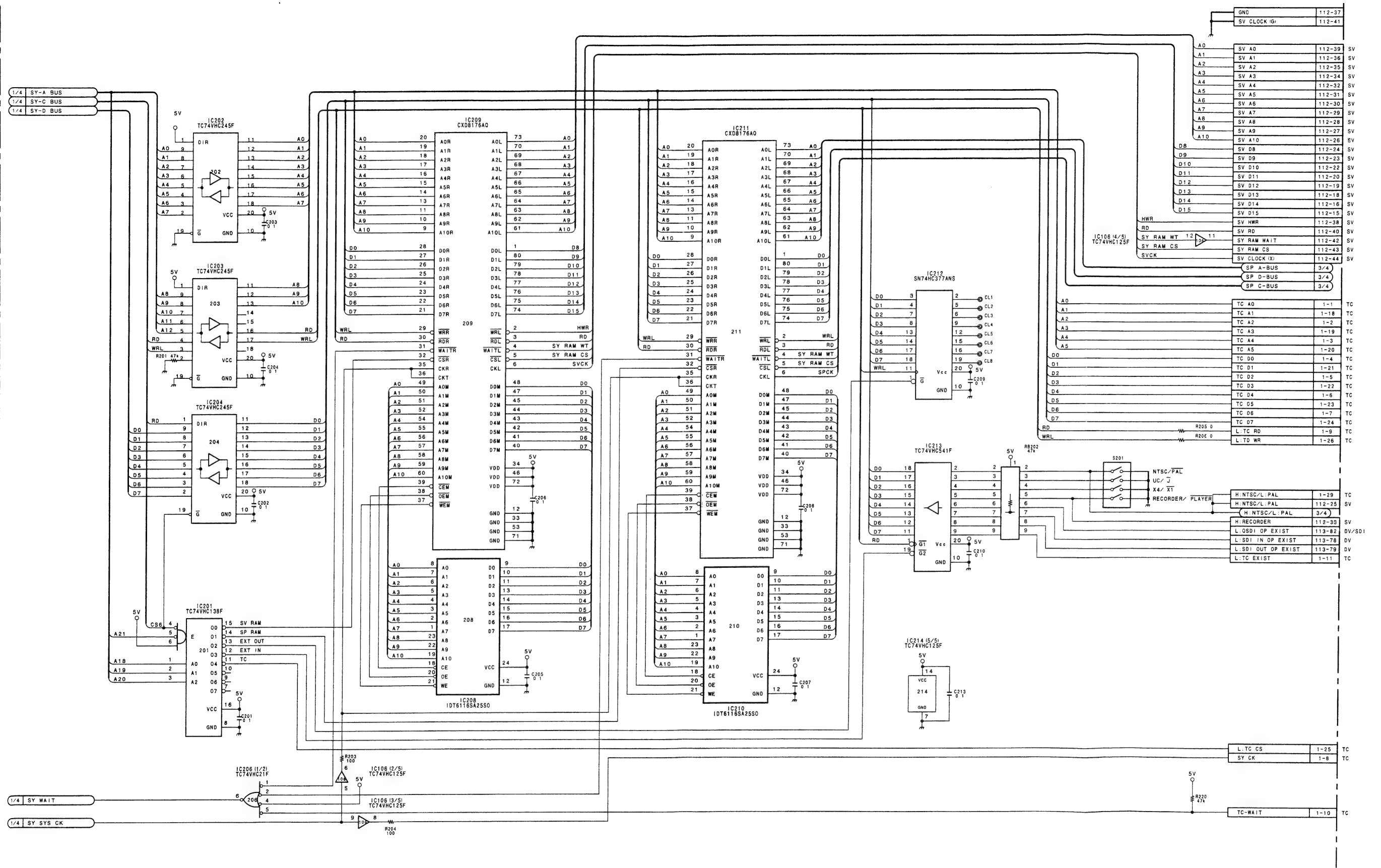
|       | DSR-80/80P      | DSR-60/60P   |
|-------|-----------------|--------------|
| C401  | 0.1             | NO MOUNT     |
| C402  | 0.1             | NO MOUNT     |
| C403  | 0.1             | NO MOUNT     |
| C404  | 0.1             | NO MOUNT     |
| C406  | NO MOUNT        | 0.1          |
| C407  | NO MOUNT        | 0.1          |
| C408  | 0.1             | NO MOUNT     |
| C409  | 0.1             | NO MOUNT     |
| C410  | 0.1             | NO MOUNT     |
| C411  | NO MOUNT        | 0.1          |
| C412  | 0.1             | NO MOUNT     |
| C413  | NO MOUNT        | 0.1          |
| C414  | 0.1             | NO MOUNT     |
| C415  | 0.1             | NO MOUNT     |
| C416  | NO MOUNT        | 0.1          |
| IC302 | TC74VHC541F     | NO MOUNT     |
| IC401 | CY7C185-25VCTEL | NO MOUNT     |
| IC402 | CX08804Q        | NO MOUNT     |
| IC404 | TC74VHC541F     | NO MOUNT     |
| IC405 | SN74HCT244ANS   | NO MOUNT     |
| IC407 | NO MOUNT        | TC74VHC32F   |
| IC408 | NO MOUNT        | TC74VHC374F  |
| IC409 | NO MOUNT        | TC74VHC245F  |
| IC410 | CY7C185-25VCTEL | NO MOUNT     |
| IC411 | CX08804Q        | NO MOUNT     |
| IC412 | TC74VHC541F     | NO MOUNT     |
| IC413 | NO MOUNT        | TC74VHC374F  |
| IC415 | NO MOUNT        | TC74VHCT541F |
| R401  | 47K             | NO MOUNT     |
| R402  | 100             | NO MOUNT     |
| R403  | 47K             | NO MOUNT     |
| R404  | 100             | NO MOUNT     |
| R407  | 47K             | NO MOUNT     |
| R409  | 47K             | NO MOUNT     |
| R410  | 100             | NO MOUNT     |
| R411  | 47K             | NO MOUNT     |
| R412  | 100             | NO MOUNT     |
| R416  | 1K              | NO MOUNT     |
| RB401 | 47K             | NO MOUNT     |
| RB404 | 1K              | NO MOUNT     |
| RB405 | 1K              | NO MOUNT     |
| RB408 | 47K             | NO MOUNT     |
| RB409 | NO MOUNT        | 47K          |
| RB412 | 1K              | NO MOUNT     |
| RB412 | 1K              | NO MOUNT     |

SY-241/241B (1/4)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P





## SY-241/241B (2/4): SYSTEM CONTROL



**SY-241/241B (2/4)**  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

## SY-241/241B (3/4): SYSTEM CONTROL

IC316  
M27C1001-70F1  
IC317  
M27C1001-70F1

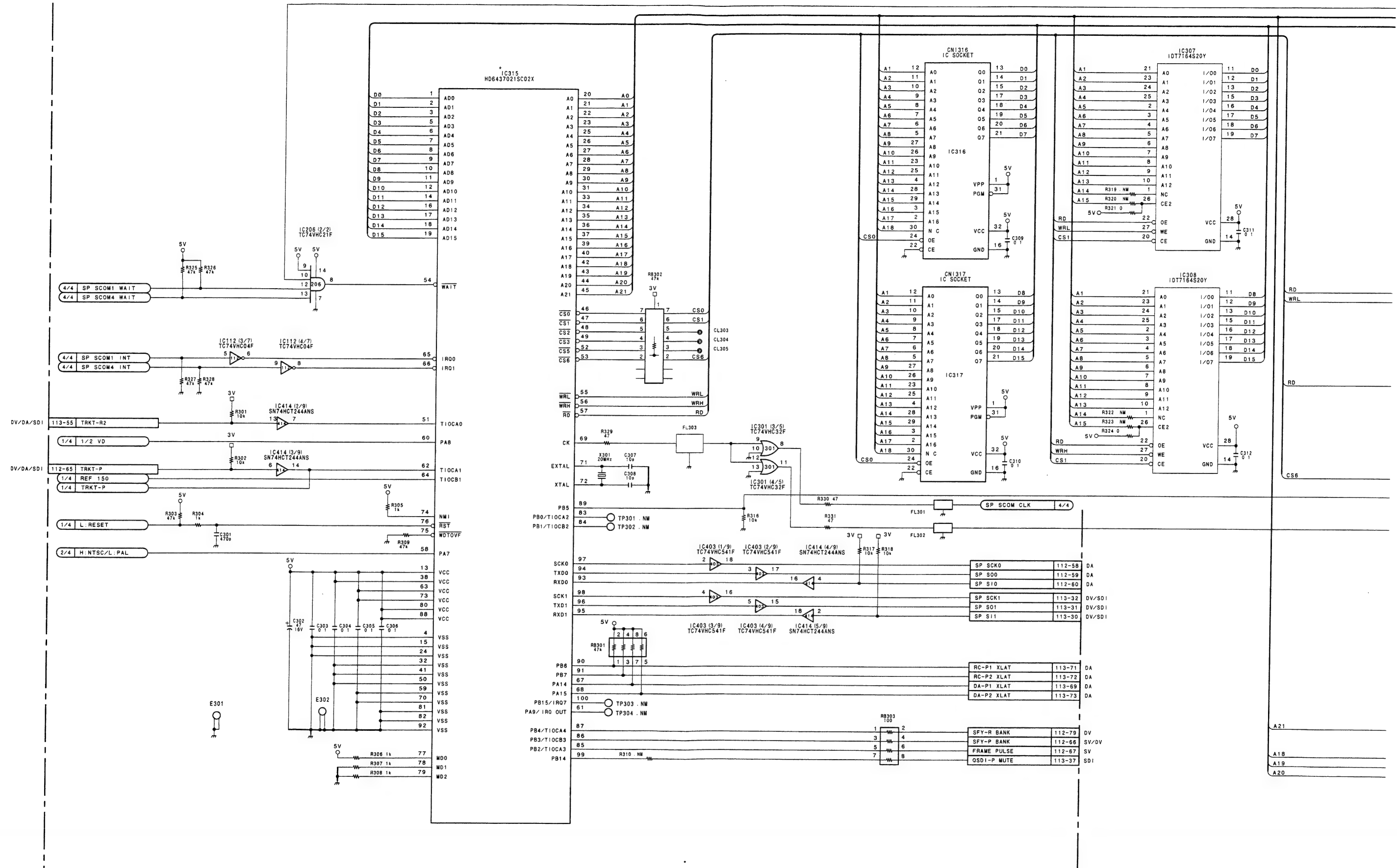
1

2

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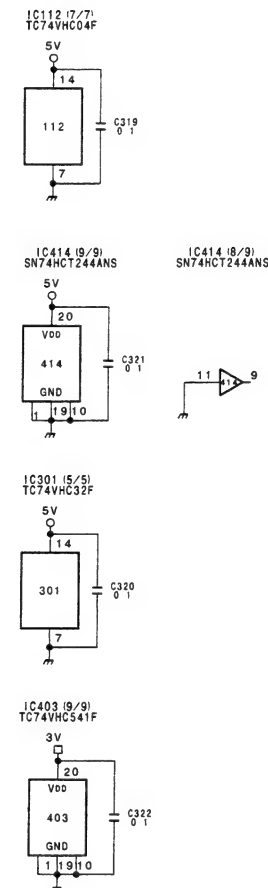
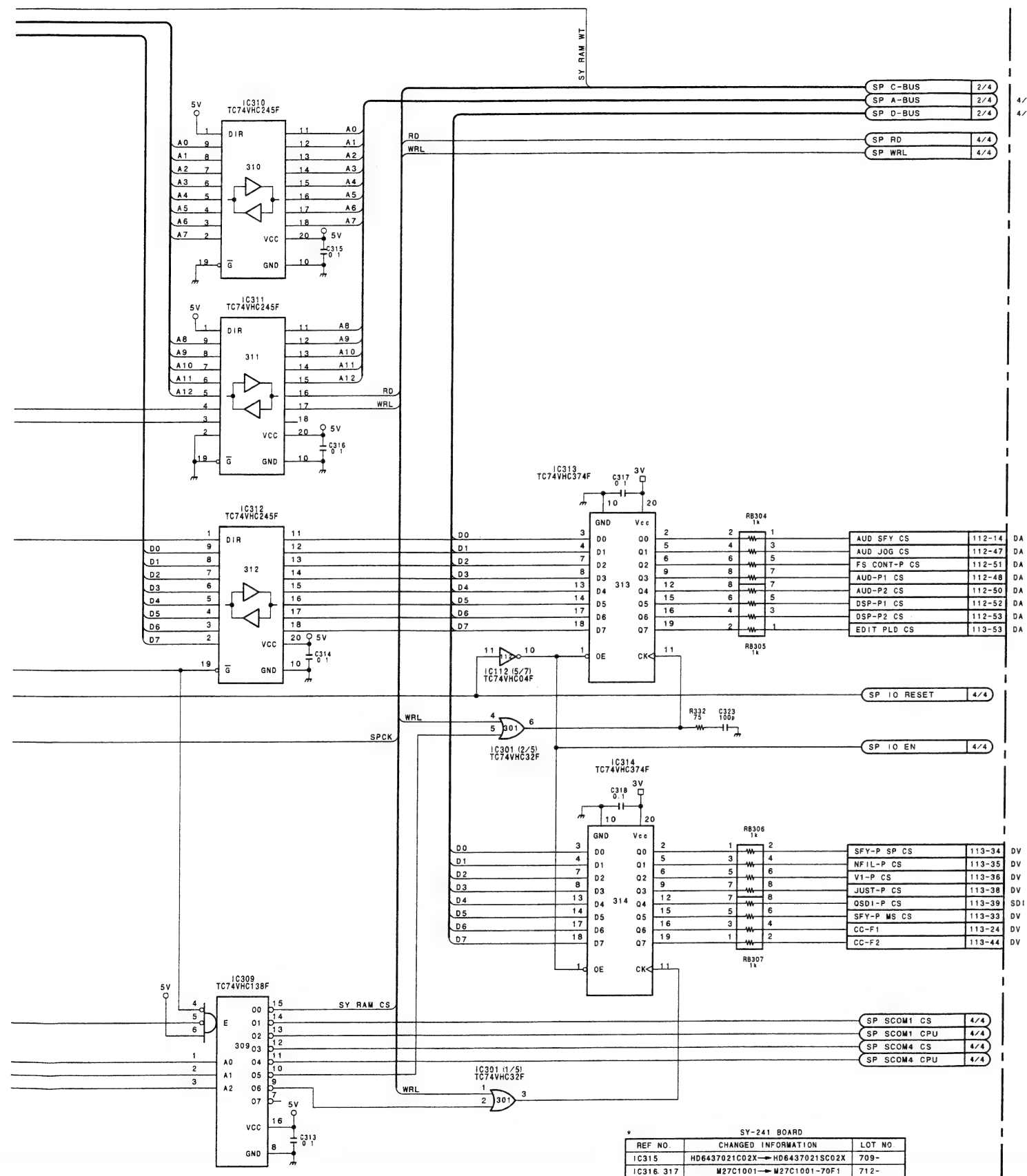
5



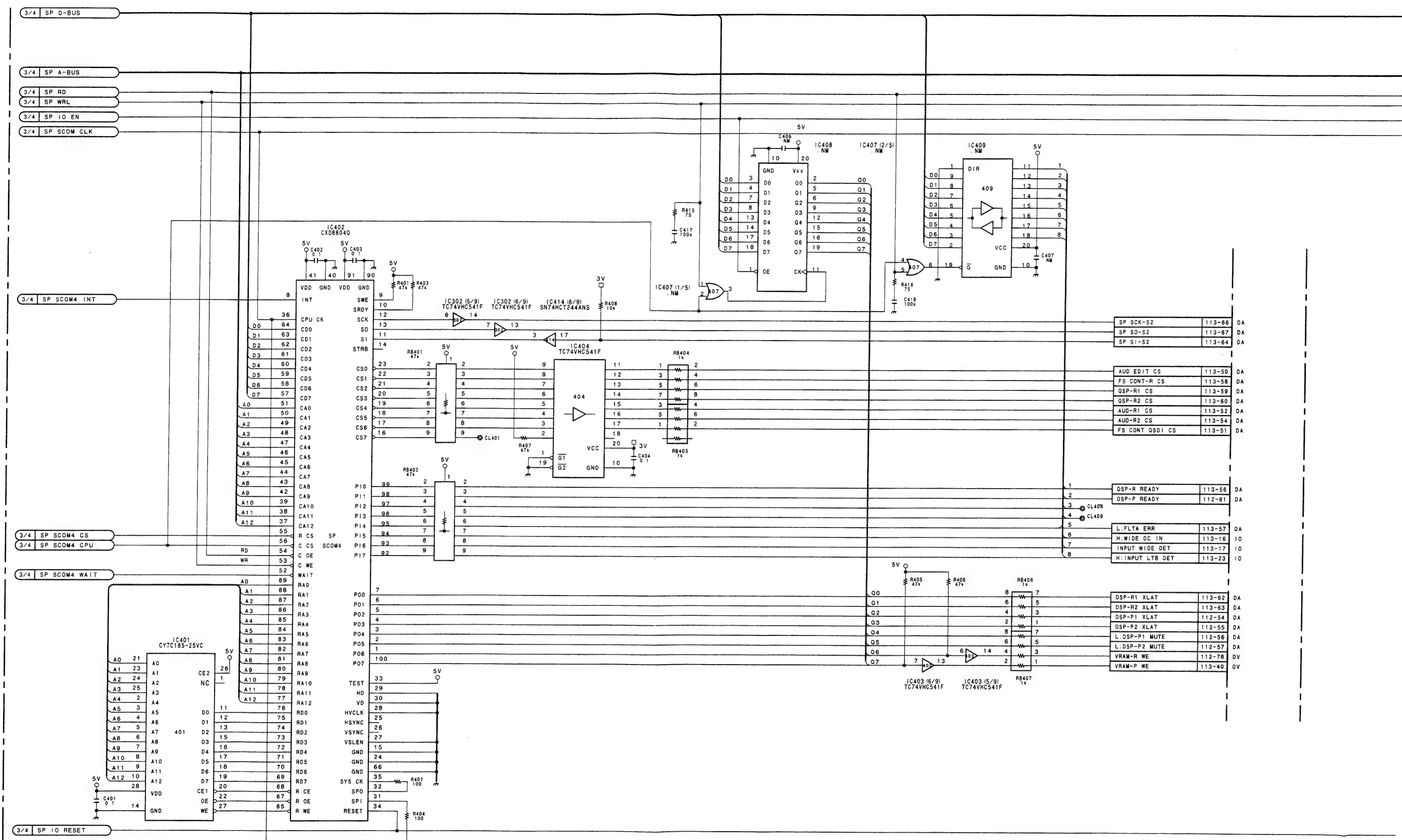
13-140 (a)

13-140 (a)

DSR-80/80P/60/60P



SY-241/241B (4/4): SYSTEM CONTROL



A

B

C

D

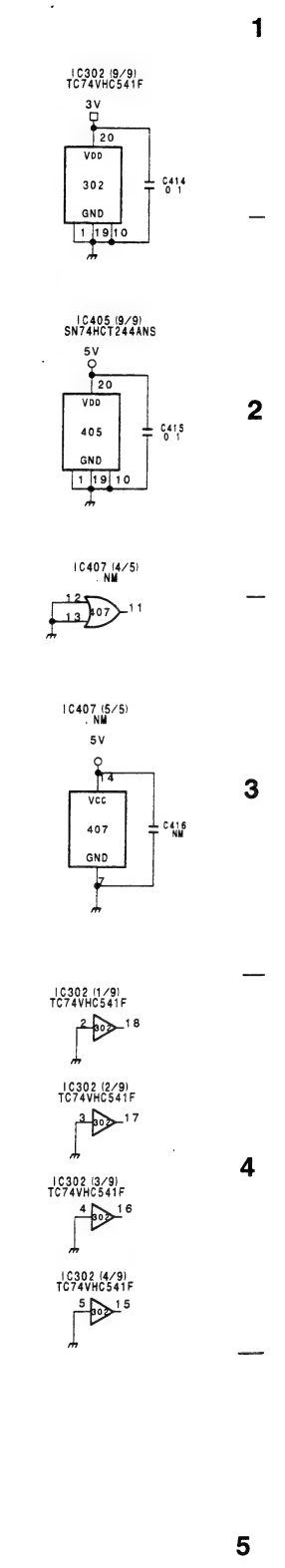
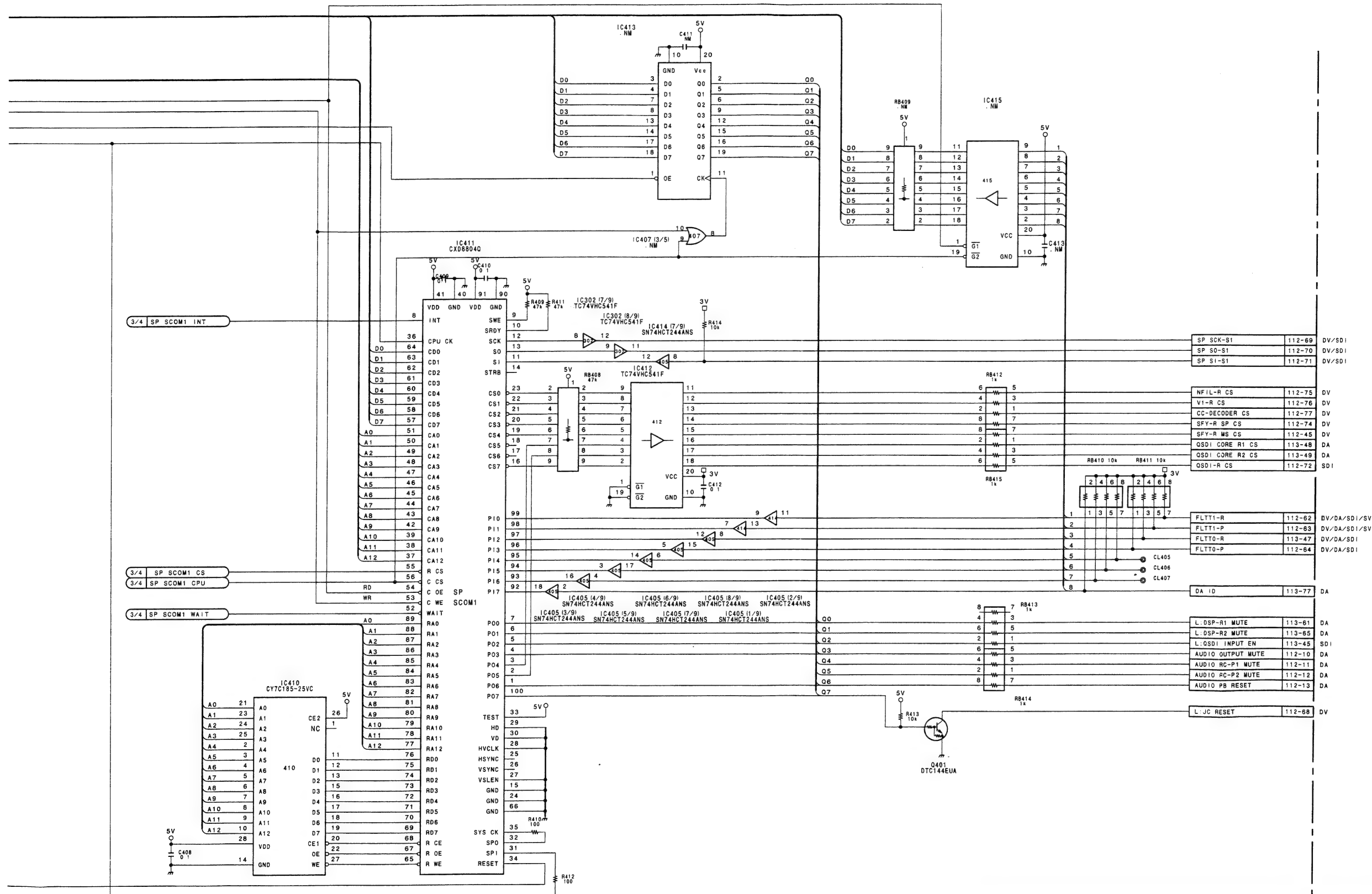
E

F

G

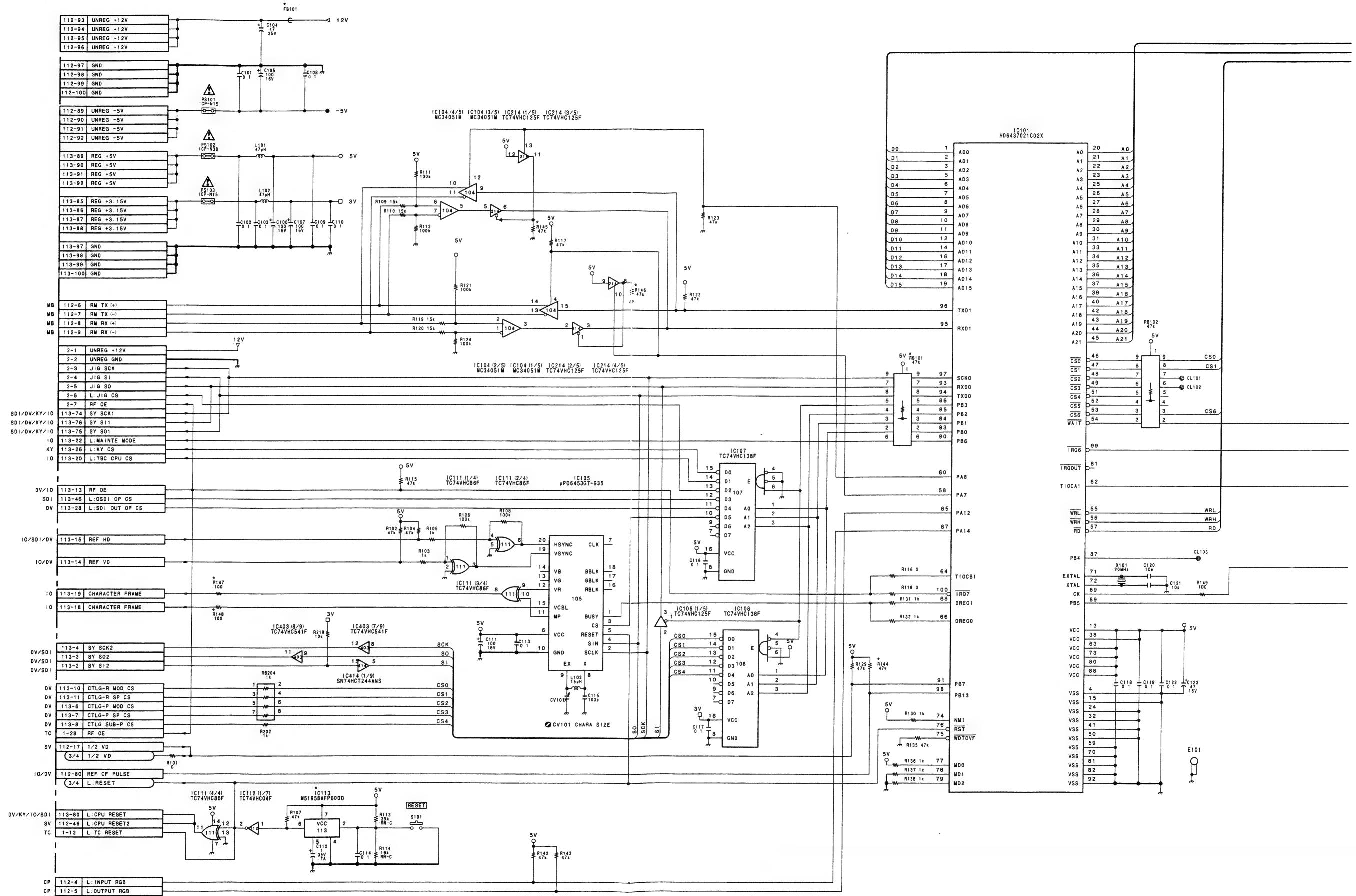
H

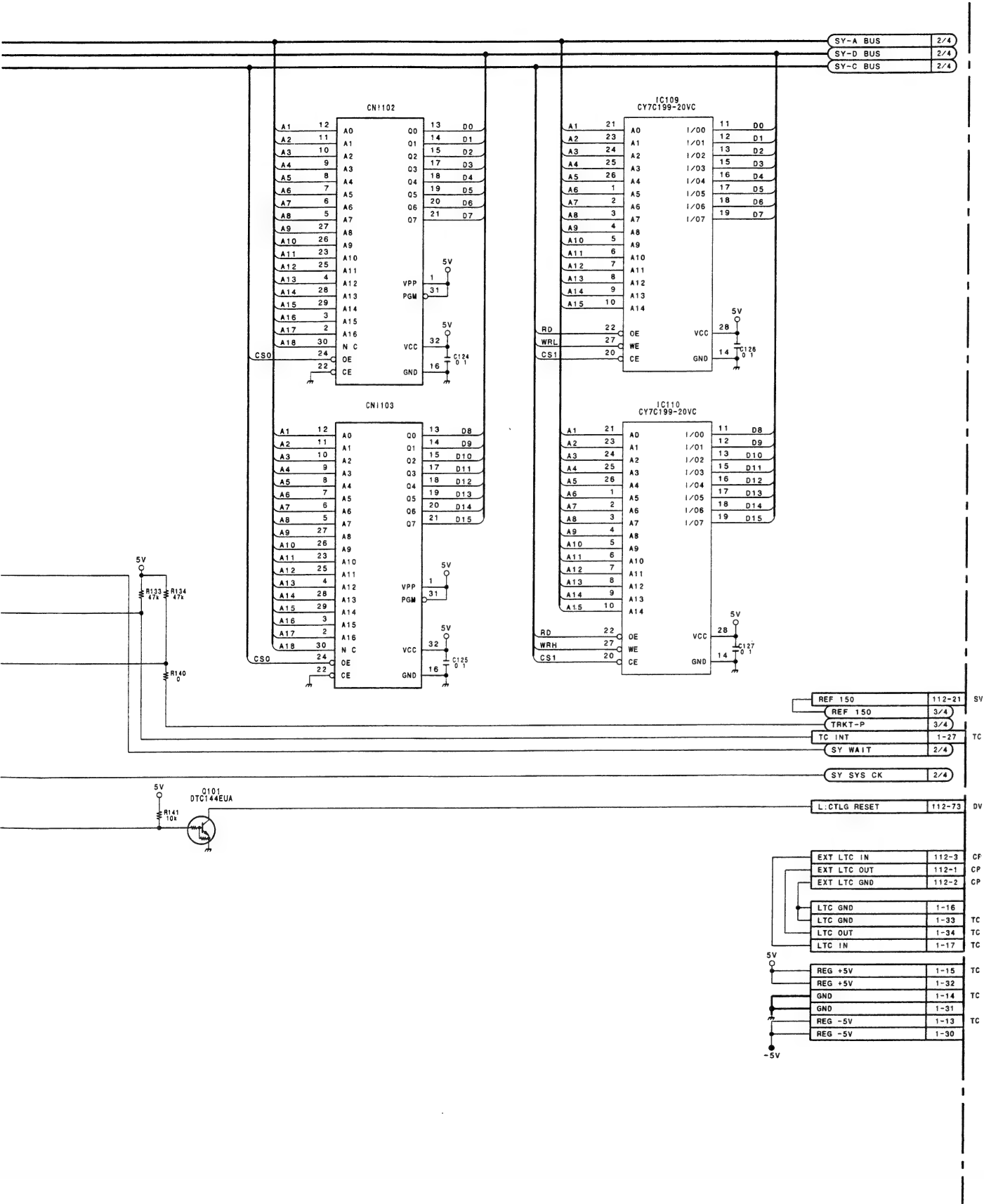




SY-241/241B (4/4)  
BOARD SUFFIX : -14  
MODEL DSR-80/80P/60/60P

## SY-241/241B (1/4): SYSTEM CONTROL





| SY-241 BOARD |                            |         |
|--------------|----------------------------|---------|
| REF NO.      | CHANGED INFORMATION        | LOT NO. |
| FB101        | ADDED                      | 701-    |
| IC113        | M51958A-T1 → M51958AFP3000 |         |

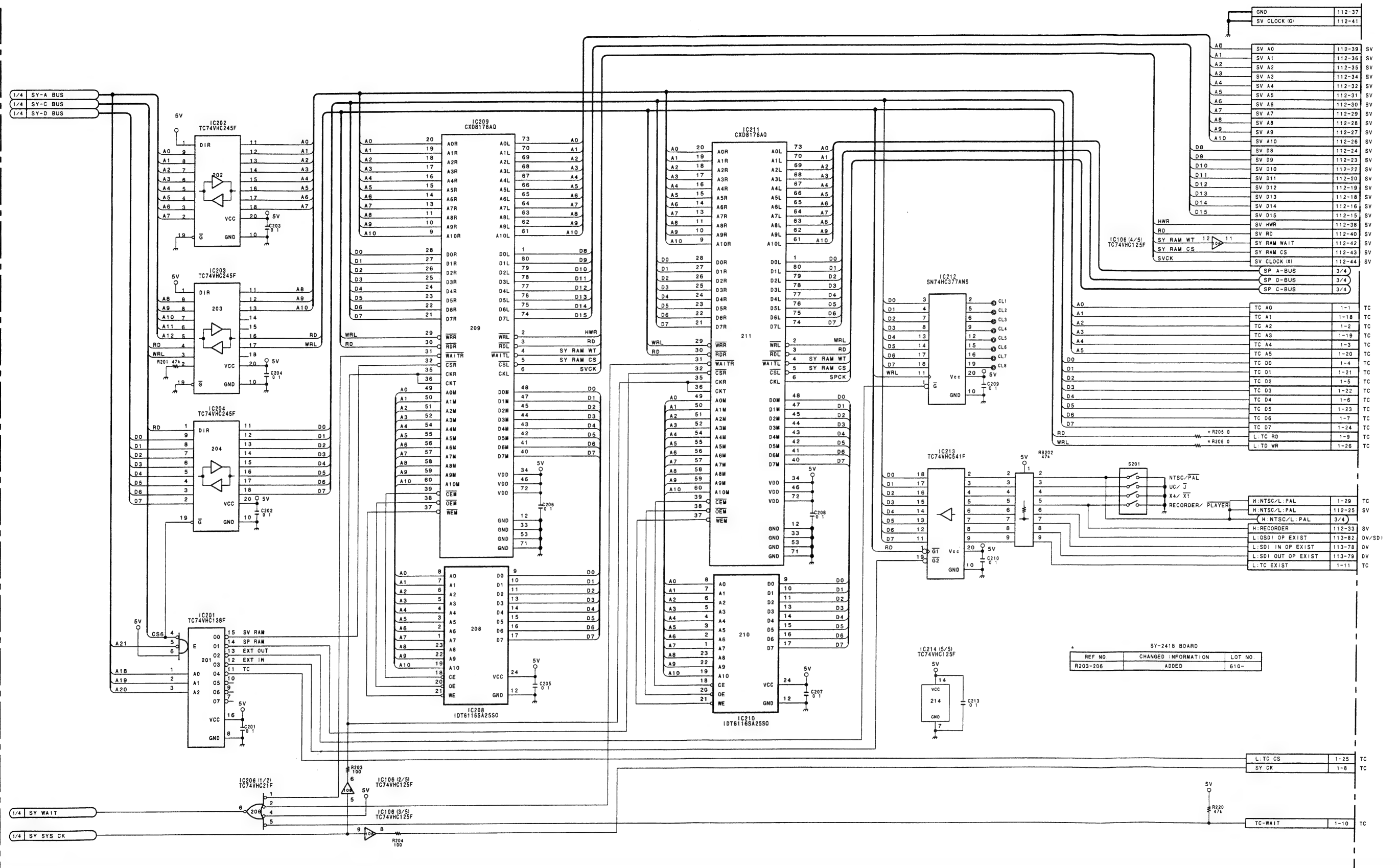
| SY-241B BOARD |                            |         |
|---------------|----------------------------|---------|
| REF NO.       | CHANGED INFORMATION        | LOT NO. |
| FB101         | ADDED                      | 701-    |
| IC113         | M51958A-T1 → M51958AFP6000 |         |
| R144-149      | ADDED                      | 610-    |

|       | DSR-80/80P      | DSR-60/60P  |
|-------|-----------------|-------------|
| C401  | 0.1             | NO MOUNT    |
| C402  | 0.1             | NO MOUNT    |
| C403  | 0.1             | NO MOUNT    |
| C404  | 0.1             | NO MOUNT    |
| C406  | NO MOUNT        | 0.1         |
| C407  | NO MOUNT        | 0.1         |
| C408  | 0.1             | NO MOUNT    |
| C409  | 0.1             | NO MOUNT    |
| C410  | 0.1             | NO MOUNT    |
| C411  | NO MOUNT        | 0.1         |
| C412  | 0.1             | NO MOUNT    |
| C413  | NO MOUNT        | 0.1         |
| C414  | 0.1             | NO MOUNT    |
| C415  | 0.1             | NO MOUNT    |
| C416  | NO MOUNT        | 0.1         |
| IC302 | TC74VHC541F     | NO MOUNT    |
| IC401 | CY7C185-25VCTEL | NO MOUNT    |
| IC402 | CXD8804Q        | NO MOUNT    |
| IC404 | TC74VHC541F     | NO MOUNT    |
| IC405 | SN74HCT244ANS   | NO MOUNT    |
| IC407 | NO MOUNT        | TC74VHC32F  |
| IC408 | NO MOUNT        | TC74VHC374F |
| IC409 | NO MOUNT        | TC74VHC245F |
| IC410 | CY7C185-25VCTEL | NO MOUNT    |
| IC411 | CXD8804Q        | NO MOUNT    |
| IC412 | TC74VHC541F     | NO MOUNT    |
| IC413 | NO MOUNT        | TC74VHC374F |
| IC415 | NO MOUNT        | TC74VHC541F |
| R330  | 47              | NO MOUNT    |
| R401  | 47K             | NO MOUNT    |
| R402  | 100             | NO MOUNT    |
| R403  | 47K             | NO MOUNT    |
| R404  | 100             | NO MOUNT    |
| R407  | 47K             | NO MOUNT    |
| R409  | 47K             | NO MOUNT    |
| R410  | 100             | NO MOUNT    |
| R411  | 47K             | NO MOUNT    |
| R412  | 100             | NO MOUNT    |
| R416  | 1K              | NO MOUNT    |
| RB401 | 47K             | NO MOUNT    |
| RB404 | 1K              | NO MOUNT    |
| RB405 | 1K              | NO MOUNT    |
| RB408 | 47K             | NO MOUNT    |
| RB409 | NO MOUNT        | 47K         |
| RB412 | 1K              | NO MOUNT    |
| RB415 | 1K              | NO MOUNT    |

SY-241/241B (1/4)  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P



## SY-241/241B (2/4): SYSTEM CONTROL

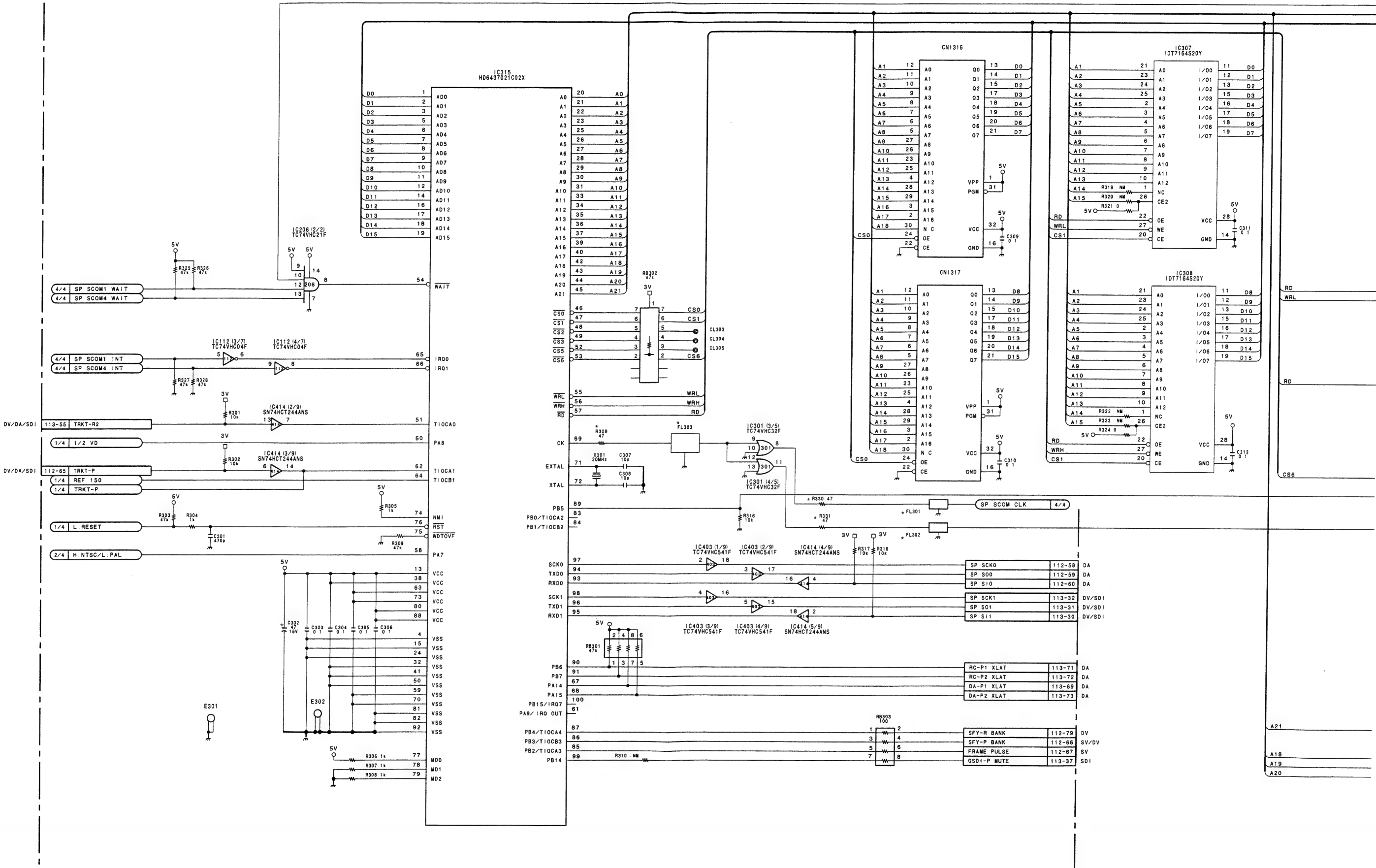


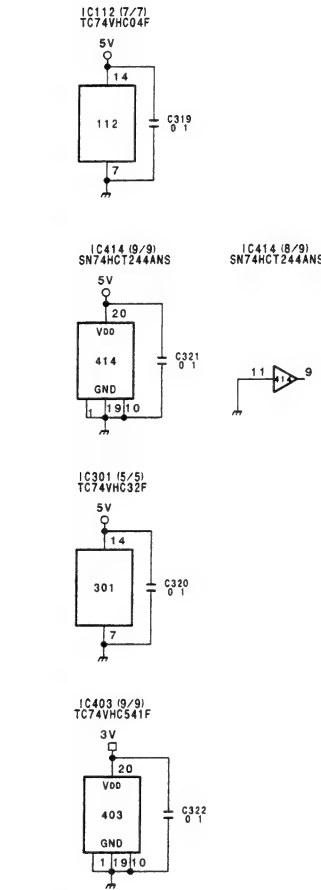
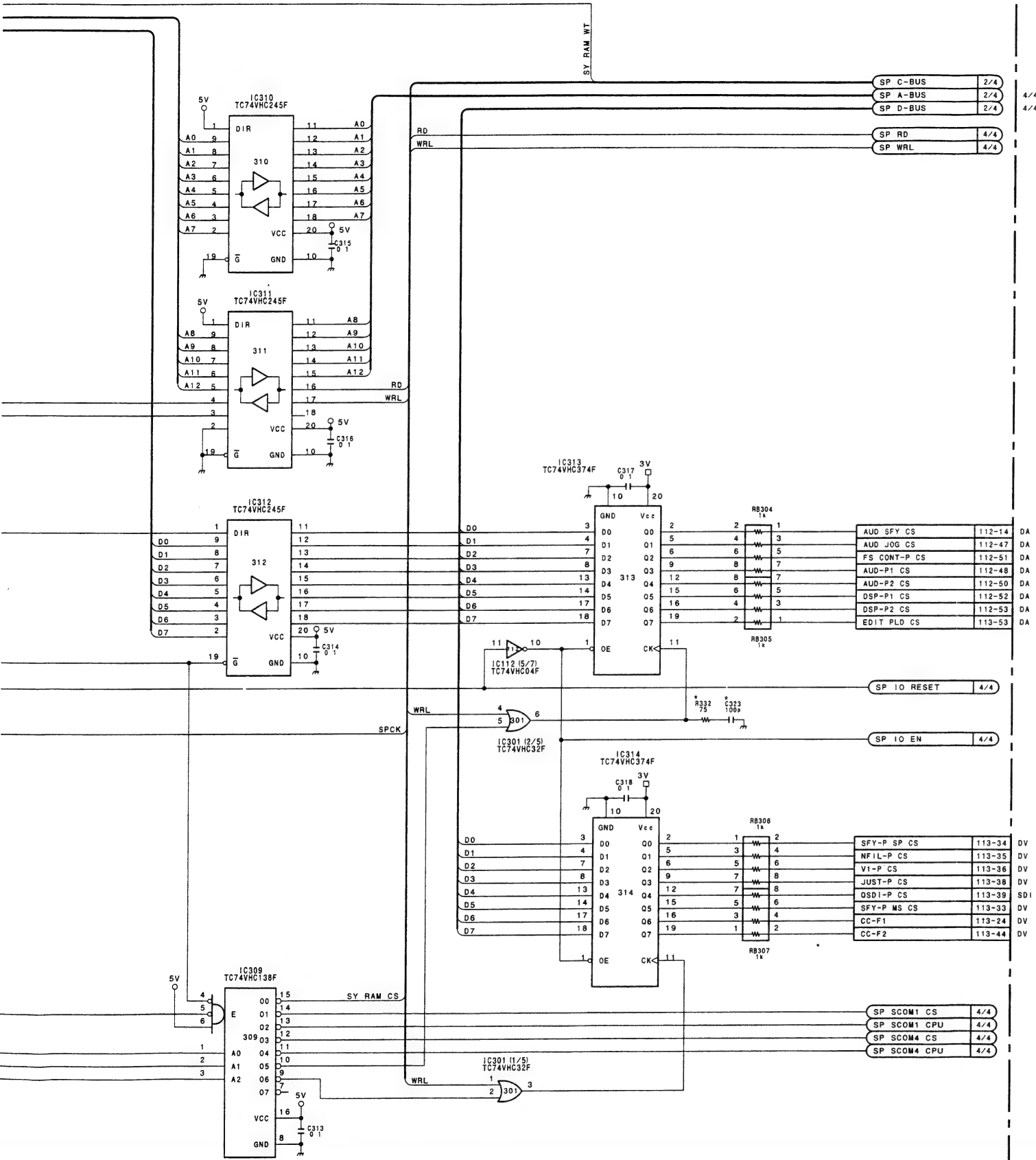
**SY-241/241B (2/4)**  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P



SY-241/241B (3/4): SYSTEM CONTROL

1  
2  
3  
4  
5



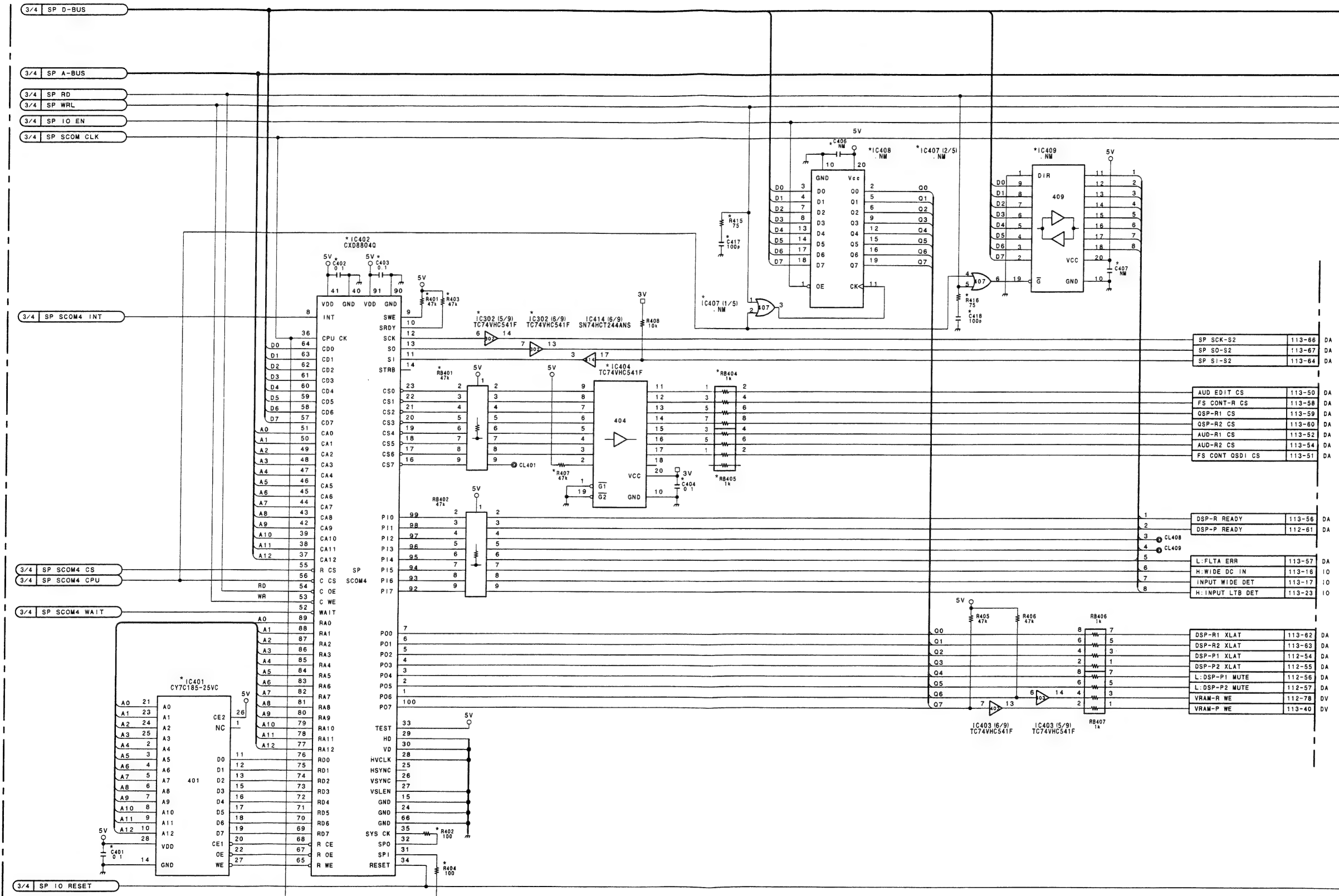


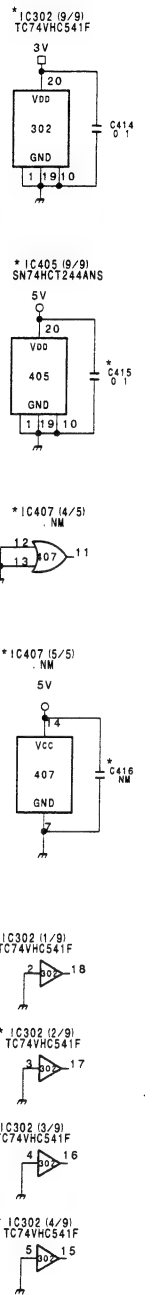
| SY-241 BOARD |                     |         |
|--------------|---------------------|---------|
| REF NO.      | CHANGED INFORMATION | LOT NO. |
| C323         | ADDED               | 701-    |
| FL301, 302   | ADDED               |         |
| FL303        | ADDED               |         |
| R329         | 100 → 47            | 701     |
| R330         | DELETED             |         |
| R330         | ADDED               | 701-    |
| R331         | 100 → 47            |         |
| R332         | ADDED               |         |

| SY-241B BOARD |                     |         |
|---------------|---------------------|---------|
| REF NO.       | CHANGED INFORMATION | LOT NO. |
| C323          | ADDED               | 701-    |
| FL302         | ADDED               |         |
| FL303         | ADDED               |         |
| R329          | ADDED               | 610-702 |
| R329          | 100 → 47            |         |
| R330, 331     | ADDED               | 610-612 |
| R330          | DELETED             |         |
| R331          | 100 → 47            | 701-    |
| R332          | ADDED               |         |

SY-241/241B (3/4)  
BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P

## SY-241/241B (4/4): SYSTEM CONTROL





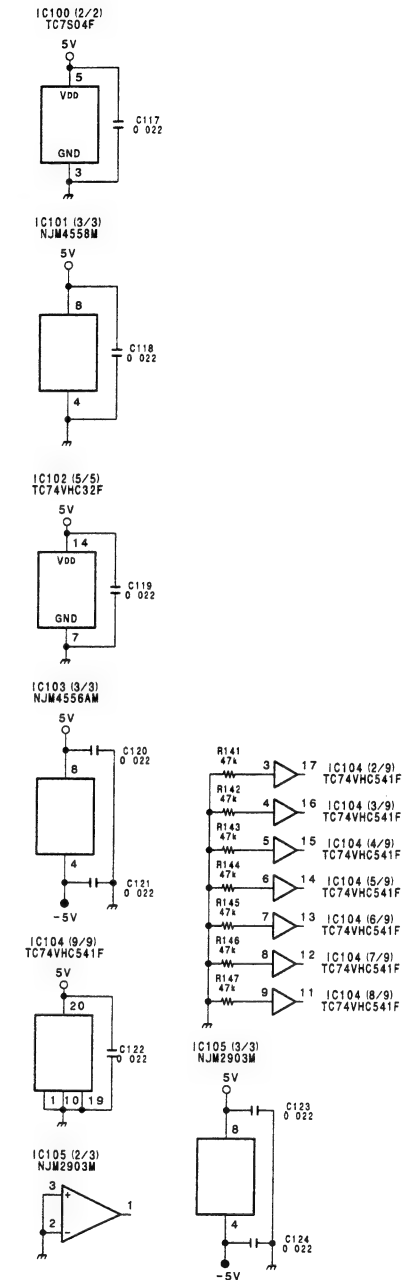
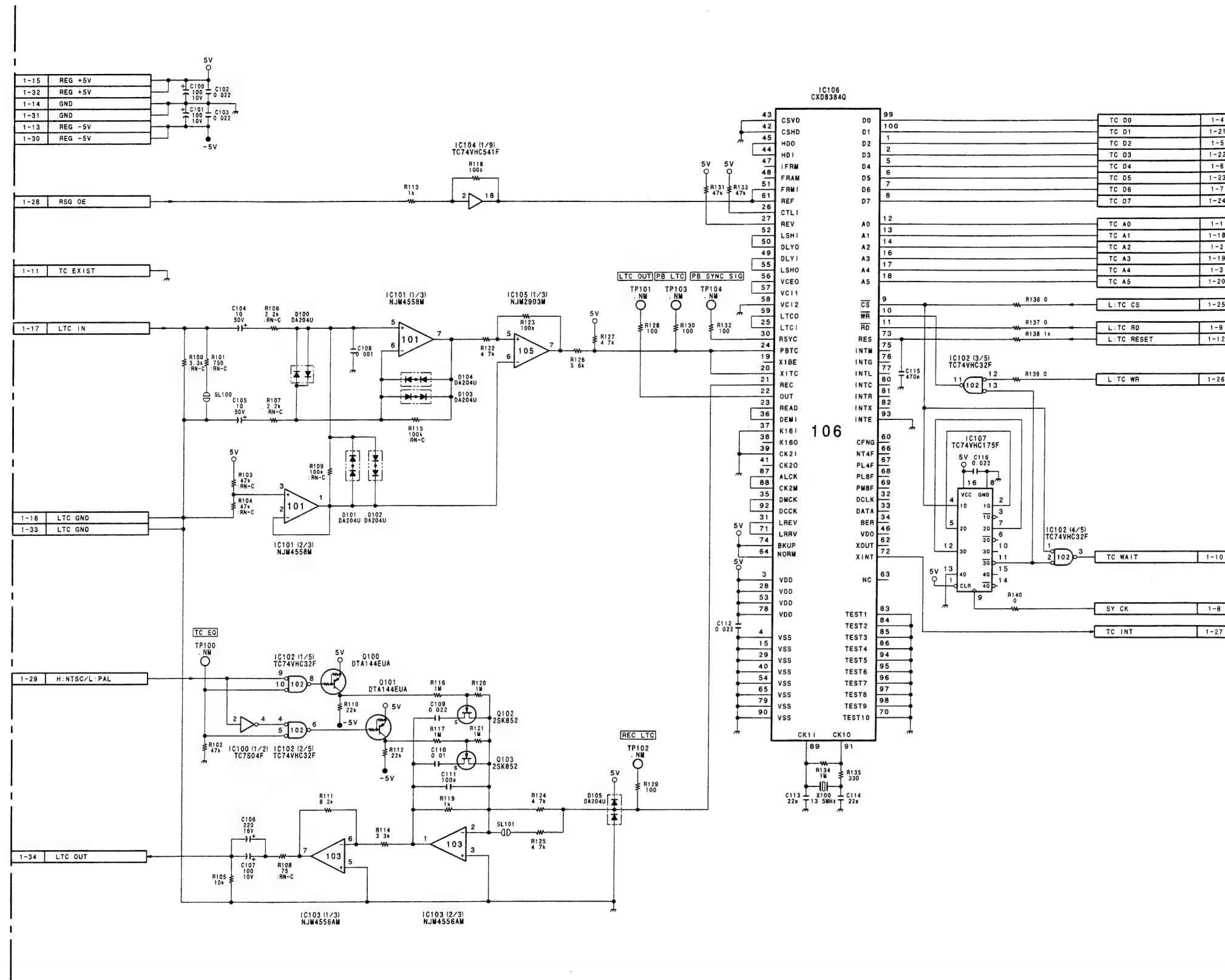
| SY-241B BOARD |                     |         |
|---------------|---------------------|---------|
| REF NO.       | CHANGED INFORMATION | LOT NO. |
| C417. 418     | ADDED               | 701-    |
| R415. 416     | ADDED               |         |
| RB415         | ADDED               | 610-    |

BOARD SUFFIX : -11, 12, 13  
MODEL DSR-80/80P/60/60P





TC-90: EXT TC INPUT/OUTPUT



TC-90  
MODEL DSBK-130/130P

10-149

10-149

DV-15

| CN110          |                        |    |     |
|----------------|------------------------|----|-----|
| 603-8          | OUTPUT Y/G (G)         | 1  | 2   |
| 603-5, 110-5   | OUTPUT R-Y/B-Y (G)     | 3  | 4   |
| 603-5, 110-3   | OUTPUT R-Y/B-Y (G)     | 5  | 6   |
|                | GND                    | 7  | 8   |
| 603-3          | OUTPUT S (G)           | 9  | 10  |
| 603-10, 110-13 | OUTPUT VIDEO1/2 (G)    | 11 | 12  |
| 603-10, 110-11 | OUTPUT VIDEO1/2 (G)    | 13 | 14  |
| 601-2          | INPUT REF/RGB SYNC (G) | 15 | 16  |
| 601-4          | REF VIDEO OUTPUT (G)   | 17 | 18  |
|                | N.C.                   | 19 | 20  |
| 602-3          | INPUT Y/G (G)          | 21 | 22  |
| 602-5          | INPUT R-Y/R (G)        | 23 | 24  |
| 602-7          | INPUT B-Y/B (G)        | 25 | 26  |
|                | GND                    | 27 | 28  |
| 602-11         | INPUT S (G)            | 29 | 30  |
| 601-12         | INPUT VIDEO (G)        | 31 | 32  |
|                | GND                    | 33 | 34  |
| 607-4          | RM VIDEO LEVEL ADJ     | 35 | 36  |
| 607-6          | RM CHROMA LEVEL ADJ    | 37 | 38  |
| 607-2          | RM HUE ADJ             | 39 | 40  |
| 607-3          | RM SC PHASE ADJ        | 41 | 42  |
|                | N.C.                   | 43 | 44  |
|                | GND                    | 45 | 46  |
|                | N.C.                   | 47 | 48  |
| 107-28         | H: INPUT SETUP REMOVE  | 49 | 50  |
| 107-29         | CAM SC                 | 51 | 52  |
|                | N.C.                   | 53 | 54  |
|                | N.C.                   | 55 | 56  |
|                | N.C.                   | 57 | 58  |
|                | N.C.                   | 59 | 60  |
|                | N.C.                   | 61 | 62  |
|                | N.C.                   | 63 | 64  |
|                | N.C.                   | 65 | 66  |
|                | N.C.                   | 67 | 68  |
|                | N.C.                   | 69 | 70  |
|                | N.C.                   | 71 | 72  |
|                | GND                    | 73 | 74  |
|                | GND                    | 75 | 76  |
|                | GND                    | 77 | 78  |
| 107-35, 107-37 | A/D Y SIGNAL (G)       | 79 | 80  |
| 107-39, 107-41 | A/D B-Y SIGNAL (G)     | 81 | 82  |
| 107-43, 107-45 | A/D R-Y SIGNAL (G)     | 83 | 84  |
|                | UNREG -12V             | 85 | 86  |
|                | UNREG -12V             | 87 | 88  |
|                | UNREG -5V              | 89 | 90  |
|                | UNREG -5V              | 91 | 92  |
|                | UNREG +12V             | 93 | 94  |
|                | UNREG +12V             | 95 | 96  |
|                | GND                    | 97 | 98  |
|                | GND                    | 99 | 100 |

| CN111                          |                      |    |     |
|--------------------------------|----------------------|----|-----|
|                                | N.C.                 | 1  | 2   |
|                                | GND                  | 3  | 4   |
|                                | GND                  | 5  | 6   |
|                                | N.C.                 | 7  | 8   |
|                                | GND                  | 9  | 10  |
|                                | N.C.                 | 11 | 12  |
|                                | GND                  | 13 | 14  |
|                                | N.C.                 | 15 | 16  |
|                                | GND                  | 17 | 18  |
|                                | N.C.                 | 19 | 20  |
|                                | GND                  | 21 | 22  |
|                                | N.C.                 | 23 | 24  |
|                                | GND                  | 25 | 26  |
|                                | GND                  | 27 | 28  |
|                                | GND                  | 29 | 30  |
|                                | N.C.                 | 31 | 32  |
|                                | GND                  | 33 | 34  |
|                                | N.C.                 | 35 | 36  |
|                                | GND                  | 37 | 38  |
|                                | N.C.                 | 39 | 40  |
|                                | GND                  | 41 | 42  |
|                                | N.C.                 | 43 | 44  |
|                                | GND                  | 45 | 46  |
|                                | N.C.                 | 47 | 48  |
| 106-39                         | PB CK27-2 (G)        | 49 | 50  |
| 106-40                         | PB CK27-2 (X)        | 51 | 52  |
|                                | N.C.                 | 53 | 54  |
|                                | N.C.                 | 55 | 56  |
| 109-50, 113-13                 | RF OE                | 57 | 58  |
| 109-48                         | RFH                  | 59 | 60  |
| 113-14                         | REF VD               | 61 | 62  |
| 115-73                         | H: EXT SYNC MODE     | 63 | 64  |
| 115-77                         | H: EXT BURST EXIST   | 65 | 66  |
| 113-18                         | CHARACTER FRAME      | 67 | 68  |
|                                | GND                  | 69 | 70  |
| 113-22                         | L: MAINT MODE        | 71 | 72  |
| 702-22, 109-78, 106-70, 113-74 | SY SCK1              | 73 | 74  |
| 702-21, 109-80, 106-72, 113-76 | SY S11               | 75 | 76  |
| 115-13                         | H: STD/L: NON-STD    | 77 | 78  |
|                                | GND                  | 79 | 80  |
| 702-28                         | LOCAL SYNC PHASE ADJ | 81 | 82  |
| 702-18, 109-84, 106-76, 113-80 | L: CPU RESET         | 83 | 84  |
|                                | REG +3.15V           | 85 | 86  |
|                                | REG +3.15V           | 87 | 88  |
|                                | REG +5V              | 89 | 90  |
|                                | REG +5V              | 91 | 92  |
|                                | UNREG +6.8V          | 93 | 94  |
|                                | UNREG +6.8V          | 95 | 96  |
|                                | GND                  | 97 | 98  |
|                                | GND                  | 99 | 100 |

| CN107                         |                    |    |     |
|-------------------------------|--------------------|----|-----|
| 116-85                        | P-VAR FRP          | 1  | 2   |
| 114-1                         | LVD                | 3  | 4   |
| 114-3                         | SDI CFP2           | 5  | 6   |
| 114-5                         | SDI CFP0           | 7  | 8   |
| 104-20, 101-31                | FLTT1-P2           | 9  | 10  |
| 104-23, 112-62, 114-9, 101-33 | FLTT1-R            | 11 | 12  |
|                               | GND                | 13 | 14  |
| 104-26                        | QSDI F             | 15 | 16  |
|                               | N.C.               | 17 | 18  |
| 104-30                        | QSDI SYNC          | 19 | 20  |
| 104-31                        | QSDI 13M (G)       | 21 | 22  |
|                               | N.C.               | 23 | 24  |
|                               | GND                | 25 | 26  |
|                               | GND                | 27 | 28  |
| 110-51                        | CAM SC             | 29 | 30  |
| 110-76                        | ADY VRB            | 31 | 32  |
|                               | N.C.               | 33 | 34  |
| 110-79, 107-37                | A/D Y SIGNAL (G)   | 35 | 36  |
| 110-74, 107-35                | A/D Y SIGNAL (G)   | 37 | 38  |
| 110-81, 107-41                | A/D B-Y SIGNAL (G) | 39 | 40  |
| 110-81, 107-39                | A/D B-Y SIGNAL (G) | 41 | 42  |
| 110-83, 107-45                | A/D R-Y SIGNAL (G) | 43 | 44  |
| 110-83, 107-43                | A/D R-Y SIGNAL (G) | 45 | 46  |
| 112-64                        | FLTT0-P            | 47 | 48  |
| 112-66, 115-53                | SFY-P BANK         | 49 | 50  |
| 104-56, 112-69                | SP SCK-S1          | 51 | 52  |
| 104-59, 112-71                | SP SI-S1           | 53 | 54  |
| 112-73                        | L: CTLG RESET      | 55 | 56  |
| 112-75                        | NFIL-R CS          | 57 | 58  |
| 112-77                        | CC-DECODER CS      | 59 | 60  |
|                               | GND                | 61 | 62  |
| 104-63, 101-63                | D1 AD1             | 63 | 64  |
| 104-65, 101-65                | D1 AD3             | 65 | 66  |
| 104-67, 101-67                | D1 AD5             | 67 | 68  |
| 104-69, 101-69                | D1 AD7             | 69 | 70  |
| 104-71, 101-71                | D1 A8              | 71 | 72  |
| 104-73, 101-73                | D1 ASTB            | 73 | 74  |
| 104-75, 101-75                | D1 WR              | 75 | 76  |
|                               | GND                | 77 | 78  |
| 102-2                         | SDIA REC DT3/4     | 79 | 80  |
| 102-3                         | SDIA REC BCK       | 81 | 82  |
| 102-8                         | SDIA REC ERR1      | 83 | 84  |
|                               | UNREG -12V         | 85 | 86  |
|                               | UNREG -12V         | 87 | 88  |
|                               | UNREG -5V          | 89 | 90  |
|                               | UNREG -5V          | 91 | 92  |
|                               | UNREG +12V         | 93 | 94  |
|                               | UNREG +12V         | 95 | 96  |
|                               | GND                | 97 | 98  |
|                               | GND                | 99 | 100 |

CP-276

| CN601 |                        |
|-------|------------------------|
| 1     | INPUT REF/RGB SYNC (X) |
| 2     | INPUT REF/RGB SYNC (X) |
| 3     | REF VIDEO OUTPUT (X)   |
| 4     | REF VIDEO OUTPUT (X)   |
| 5     | REG +5V                |
| 6     | UNREG -5V              |
| 7     | GND                    |
| 8     | EXT LTC INPUT          |
| 9     | EXT LTC GND            |
| 10    | EXT LTC OUTPUT         |
| 11    | INPUT VIDEO (X)        |
| 12    | INPUT VIDEO (X)        |

CP-276

| CN602 |                       |
|-------|-----------------------|
| 1     | L: INPUT RGB          |
| 2     | INPUT Y/G (X)         |
| 3     | INPUT Y/G (X)         |
| 4     | INPUT R-Y/R (X)       |
| 5     | INPUT R-Y/R (X)       |
| 6     | INPUT B-Y/B (X)       |
| 7     | INPUT B-Y/B (X)       |
| 8     | AUDIO MONI OUTPUT (X) |
| 9     | AUDIO MONI OUTPUT (X) |
| 10    | INPUT S-Y (X)         |
| 11    | INPUT S (G)           |
| 12    | INPUT S-C (X)         |

CP-276

| CN603 |                     |
|-------|---------------------|
| 1     | L: OUTPUT RGB       |
| 2     | OUTPUT S-Y (X)      |
| 3     | OUTPUT S (G)        |
| 4     | OUTPUT S-C (X)      |
| 5     | OUTPUT R-Y/B-Y (G)  |
| 6     | OUTPUT B-Y/B (X)    |
| 7     | OUTPUT R-Y/R (X)    |
| 8     | OUTPUT Y/G (G)      |
| 9     | OUTPUT Y/G (G)      |
| 10    | OUTPUT VIDEO1/2 (G) |
| 11    | OUTPUT VIDEO2 (X)   |
| 12    | OUTPUT VIDEO1 (X)   |

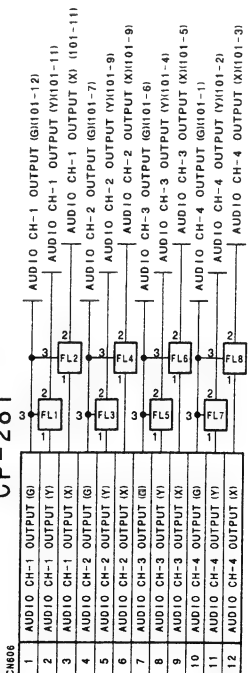
CP-281

| CN604 |                    |
|-------|--------------------|
| 1     | AES INPUT 1/2 (X)  |
| 2     | AES INPUT 1/2 (Y)  |
| 3     | AES INPUT 1/2 (G)  |
| 4     | AES INPUT 3/4 (X)  |
| 5     | AES INPUT 3/4 (Y)  |
| 6     | AES INPUT 3/4 (G)  |
| 7     | AES OUTPUT 1/2 (X) |
| 8     | AES OUTPUT 1/2 (Y) |
| 9     | AES OUTPUT 1/2 (G) |
| 10    | AES OUTPUT 3/4 (X) |
| 11    | AES OUTPUT 3/4 (Y) |
| 12    | AES OUTPUT 3/4 (G) |

CP-281

| CN605 |                   |
|-------|-------------------|
| 1     | AUDIO CH-1 VR (X) |
| 2     | AUDIO CH-1 VR (X) |
| 3     | AUDIO CH-2 VR (X) |
| 4     | AUDIO CH-2 VR (X) |
| 5     | AUDIO CH-3 VR (X) |
| 6     | AUDIO CH-3 VR (X) |
| 7     | AUDIO CH-4 VR (X) |
| 8     | AUDIO CH-4 VR (X) |
| 9     | UNREG +12V        |
| 10    | GND               |
| 11    | UNREG -12V        |
| 12    | N.C.              |

CP-281



DV-15

| CN108           |            |    |     |
|-----------------|------------|----|-----|
|                 | N C        | 1  | 2   |
|                 | N C        | 3  | 4   |
|                 | N C        | 5  | 6   |
|                 | N C        | 7  | 8   |
| 116-81, 114-76  | REC SW REF | 9  | 10  |
| 116-94          | DTSC1      | 11 | 12  |
| 116-96          | DTSC3      | 13 | 14  |
| 116-98          | DTSC5      | 15 | 16  |
| 116-100         | DTSC7      | 17 | 18  |
| 116-102         | TRPSC-R    | 19 | 20  |
| 116-104         | 13.5MHZ    | 21 | 22  |
| 105-30          | IENPV-R    | 23 | 24  |
| 102-32          | TRCK4-R    | 25 | 26  |
| 105-32          | TRCK3-R    | 27 | 28  |
| 102-34          | AUEN-R     | 29 | 30  |
| 102-36          | SADT-R     | 31 | 32  |
| 102-38          | START-R    | 33 | 34  |
| 105-51          | BUPOS      | 35 | 36  |
|                 | GND        | 37 | 38  |
| 105-54          | QSDT1-R    | 39 | 40  |
| 105-56          | QSDT3-R    | 41 | 42  |
| 105-59          | QSDT5-R    | 43 | 44  |
| 105-61          | GND        | 45 | 46  |
| 105-63          | QSDT8-R    | 47 | 48  |
| 105-65          | GND        | 49 | 50  |
| 105-67          | QSDT11-R   | 51 | 52  |
| 105-70          | QSDT13-R   | 53 | 54  |
| 105-72          | QSDT15-R   | 55 | 56  |
| 105-73          | GND        | 57 | 58  |
| 105-74          | SFDT0      | 59 | 60  |
| 105-76          | SFDT2      | 61 | 62  |
| 105-77          | GND        | 63 | 64  |
| 105-80          | SFDT5      | 65 | 66  |
| 105-83          | SFDT7      | 67 | 68  |
| 105-86          | SFDT9      | 69 | 70  |
| 105-89          | GND        | 71 | 72  |
| 105-90          | SFDT12     | 73 | 74  |
| 105-92          | SFDT14     | 75 | 76  |
|                 | GND        | 77 | 78  |
| 105-96          | IENPA-P    | 79 | 80  |
| 102-47          | SADT-P     | 81 | 82  |
| 102-48          | START-P    | 83 | 84  |
| 116-109         | TRPSC-P    | 85 | 86  |
| 116-108         | VRCKCS-P   | 87 | 88  |
| 116-110, 102-50 | SYCS       | 89 | 90  |
| 116-112, 102-51 | VADVCS     | 91 | 92  |
| 116-115, 102-54 | DTCS0      | 93 | 94  |
| 116-117, 102-56 | DTCS2      | 95 | 96  |
| 116-119, 102-59 | DTCS4      | 97 | 98  |
| 116-121, 102-62 | DTCS6      | 99 | 100 |

DV-15

| CN109                          |                    |    |     |
|--------------------------------|--------------------|----|-----|
| 113-2                          | SY S12             | 1  | 2   |
| 113-4                          | SY SCK2            | 3  | 4   |
| 113-7                          | CTLG-P SP CS       | 5  | 6   |
| 113-10                         | CTLG-R MOD CS      | 7  | 8   |
|                                | GND                | 9  | 10  |
| 111-8                          | D/A Y DATA 0       | 11 | 12  |
|                                | GND                | 13 | 14  |
| 111-14                         | D/A Y DATA 3       | 15 | 16  |
|                                | GND                | 17 | 18  |
| 111-20                         | D/A Y DATA 6       | 19 | 20  |
|                                | GND                | 21 | 22  |
| 111-26                         | D/A Y DATA 9       | 23 | 24  |
|                                | GND                | 25 | 26  |
| 111-32                         | D/A C DATA 1       | 27 | 28  |
|                                | GND                | 29 | 30  |
| 111-38                         | D/A C DATA 4       | 31 | 32  |
|                                | GND                | 33 | 34  |
| 111-44                         | D/A C DATA 7       | 35 | 36  |
|                                | GND                | 37 | 38  |
| 103-46                         | SPCK3-P            | 39 | 40  |
|                                | N C                | 41 | 42  |
|                                | N C                | 43 | 44  |
| 111-54                         | PB CK27 (G)        | 45 | 46  |
| 106-44, 111-58                 | REF OE             | 47 | 48  |
|                                | N C                | 49 | 50  |
| 106-47, 111-62, 113-15         | REF HD             | 51 | 52  |
| 113-24                         | CC-F1              | 53 | 54  |
| 113-28                         | L:SDI OUT OP CS    | 55 | 56  |
| 106-54, 113-31                 | SP S01             | 57 | 58  |
| 113-34                         | SFY-P SP CS        | 59 | 60  |
| 103-36                         | V1-P CS            | 61 | 62  |
| 113-33                         | SFY-P MS CS        | 63 | 64  |
|                                | N C                | 65 | 66  |
| 113-44                         | CC-F2              | 67 | 68  |
|                                | N C                | 69 | 70  |
| 102-10, 105-2                  | SDI A DT3/4        | 71 | 72  |
| 102-15, 105-5                  | SDI A LRCK         | 73 | 74  |
|                                | N C                | 75 | 76  |
| 702-20, 106-71, 111-74, 113-75 | SY S01             | 77 | 78  |
|                                | N C                | 79 | 80  |
| 113-79                         | L:SDI OUT OP EXIST | 81 | 82  |
| 106-77, 113-82                 | L:QSDI OP EXIST    | 83 | 84  |
|                                | REG +3.15V         | 85 | 86  |
|                                | REG +3.15V         | 87 | 88  |
|                                | REG +5V            | 89 | 90  |
|                                | REG +5V            | 91 | 92  |
|                                | UNREG +6.8V        | 93 | 94  |
|                                | UNREG +6.8V        | 95 | 96  |
|                                | GND                | 97 | 98  |
|                                | GND                | 99 | 100 |

MS-43

|    |                      |        |
|----|----------------------|--------|
| 1  | CAPSTAN DIR CONT     | 115-11 |
| 2  | CAP BRAKE            | 115-14 |
| 3  | CAPSTAN DRIVE        | 115-4  |
| 4  | PINCH SOL VCC        | 115-8  |
| 5  | PINCH SOL STARTER    | 115-12 |
| 6  | PINCH SOL HOLDER     | 115-16 |
| 7  | UNTH END             | 115-15 |
| 8  | TH END               | 115-18 |
| 9  | CLEANING SOL STARTER | 115-20 |
| 10 | CLEANING SOL VCC     | 115-24 |
| 11 | DEW DET (G)          | 115-19 |
| 12 | DEW DET (X)          | 115-22 |
| 13 | MECHA +12V           |        |
| 14 | GND                  |        |
| 15 | GND                  |        |
| 16 | GND                  |        |
| 17 | UNREG -5V            |        |
| 18 | UNREG +15V           |        |
| 19 | CLEANING SOL HOLDER  | 115-29 |
| 20 | N C                  |        |
| 21 | TH/UNTH END LED      | 115-26 |
| 22 | POSITION LED         | 115-27 |
| 23 | THREADING MOTOR (+)  | 115-28 |
| 24 | THREADING MOTOR (-)  | 115-32 |
| 25 | THREADING FG         | 115-30 |
| 26 | DRUM DRIVE           | 115-36 |
| 27 | DRUM FG              | 115-31 |
| 28 | DRUM DIR CONT        | 115-34 |
| 29 | DRUM CURRENT         | 115-35 |
| 30 | DRUM PG              | 115-38 |
| 31 | CAPSTAN FG A         | 115-39 |
| 32 | CAPSTAN FG B         | 115-42 |
| 33 | EEPROM-SV RESET      | 115-43 |
| 34 | L:MS EXIST1          | 115-46 |
| 35 | GND                  |        |
| 36 | REG +5V              |        |

MS-43

|    |                      |        |
|----|----------------------|--------|
| 1  | CC DOWN3             | 115-23 |
| 2  | CAS IN1              | 115-5  |
| 3  | CAS IN2              | 115-6  |
| 4  | COMP EXIST           | 115-3  |
| 5  | CC DOWN1             | 115-10 |
| 6  | CC DOWN2             | 115-9  |
| 7  | CAS IN3              | 115-7  |
| 8  | REG +5V              |        |
| 9  | GND                  |        |
| 10 | N C                  |        |
| 11 | N C                  |        |
| 12 | CC UP/DOWN MOTOR (-) | 115-2  |
| 13 | CC UP/DOWN MOTOR (+) | 115-1  |

MS-43

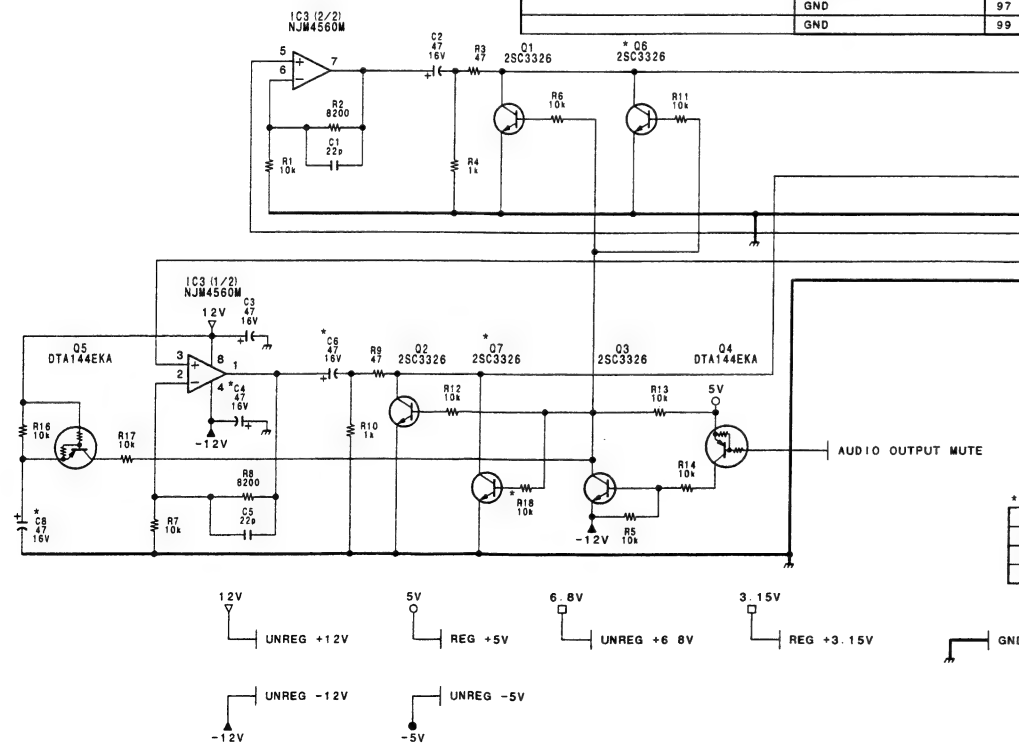
|    |                     |        |
|----|---------------------|--------|
| 1  | TENSION SENSOR VEE  | 115-47 |
| 2  | TENSION SENSOR (+)  | 115-50 |
| 3  | TENSION SENSOR (-)  | 115-51 |
| 4  | TENSION SENSOR VCC  | 115-54 |
| 5  | END SENSOR (X)      | 115-55 |
| 6  | SV S11              | 115-58 |
| 7  | SV S01              | 115-59 |
| 8  | SV SCK1             | 115-62 |
| 9  | EEPROM-SV CS        | 115-63 |
| 10 | EEPROM-SV BUSY      | 115-66 |
| 11 | THERMO SENSOR       | 115-67 |
| 12 | T REEL MOTOR (-)    | 115-40 |
| 13 | T REEL MOTOR (+)    | 115-44 |
| 14 | T BRAKE SOL HOLDER  | 115-48 |
| 15 | T BRAKE SOL STARTER | 115-52 |
| 16 | T BRAKE SOL VCC     | 115-56 |
| 17 | T REEL FG B         | 115-70 |
| 18 | T REEL FG A         | 115-71 |
| 19 | S REEL MOTOR (+)    | 115-60 |
| 20 | S REEL MOTOR (-)    | 115-64 |
| 21 | S BRAKE SOL HOLDER  | 115-68 |
| 22 | S BRAKE SOL STARTER | 115-72 |
| 23 | S BRAKE SOL VCC     | 115-76 |
| 24 | S REEL FG B         | 115-74 |
| 25 | S REEL FG A         | 115-75 |
| 26 | POSITION MOTOR (-)  | 115-80 |
| 27 | POSITION MOTOR (+)  | 115-84 |
| 28 | TOP SENSOR (X)      | 115-79 |
| 29 | TOP/END LED VCC     | 115-78 |
| 30 | H: S POSITION       | 115-82 |
| 31 | H: L POSITION       | 115-83 |
| 32 | MIC GND             | 702-24 |
| 33 | MIC SCK             | 702-25 |
| 34 | MIC SDA             | 702-26 |
| 35 | MIC VCC             | 702-27 |
| 36 | REC INH SW (X)      | 115-81 |

SDI-26

| CN104                         |                    |    |     |
|-------------------------------|--------------------|----|-----|
| 604-7                         | AES OUTPUT 1/2 (X) | 1  | 2   |
| 604-8                         | AES OUTPUT 1/2 (Y) | 3  | 4   |
| 604-10                        | AES OUTPUT 3/4 (X) | 5  | 6   |
| 604-11                        | AES OUTPUT 3/4 (Y) | 7  | 8   |
| 604-1                         | AES INPUT 1/2 (X)  | 9  | 10  |
| 104-12, 604-3                 | AES INPUT 1/2 (G)  | 11 | 12  |
| 604-4                         | AES INPUT 3/4 (X)  | 13 | 14  |
| 104-15, 604-6                 | AES INPUT 3/4 (G)  | 15 | 16  |
|                               | N.C.               | 17 | 18  |
| 101-32, 107-6                 | TRKT-P2            | 19 | 20  |
|                               | N.C.               | 21 | 22  |
| 107-11, 112-62, 114-9, 101-33 | FLTT1-R            | 23 | 24  |
|                               | N.C.               | 25 | 26  |
| 107-16                        | QSD1 V             | 27 | 28  |
|                               | GND                | 29 | 30  |
| 107-21                        | QSD1 13M (G)       | 31 | 32  |
|                               | N.C.               | 33 | 34  |
|                               | N.C.               | 35 | 36  |
|                               | N.C.               | 37 | 38  |
|                               | GND                | 39 | 40  |
| 112-10, 101-41                | AUDIO OUTPUT MUTE  | 41 | 42  |
|                               | N.C.               | 43 | 44  |
|                               | N.C.               | 45 | 46  |
|                               | N.C.               | 47 | 48  |
|                               | N.C.               | 49 | 50  |
|                               | N.C.               | 51 | 52  |
|                               | N.C.               | 53 | 54  |
|                               | N.C.               | 55 | 56  |
|                               | GND                | 57 | 58  |
| 107-53, 112-71                | SP SI-S1           | 59 | 60  |
| 101-70                        | AES CS             | 61 | 62  |
| 107-63, 101-63                | D1 AD1             | 63 | 64  |
| 107-65, 101-65                | D1 AD3             | 65 | 66  |
| 107-67, 101-67                | D1 AD5             | 67 | 68  |
| 107-69, 101-69                | D1 AD7             | 69 | 70  |
| 107-71, 101-71                | D1 A8              | 71 | 72  |
| 107-73, 101-73                | D1 ASTB            | 73 | 74  |
| 107-75, 101-75                | D1 WR              | 75 | 76  |
|                               | N.C.               | 77 | 78  |
|                               | N.C.               | 79 | 80  |
|                               | N.C.               | 81 | 82  |
|                               | N.C.               | 83 | 84  |
|                               | UNREG -12V         | 85 | 86  |
|                               | UNREG -12V         | 87 | 88  |
|                               | UNREG -5V          | 89 | 90  |
|                               | UNREG -5V          | 91 | 92  |
|                               | UNREG +12V         | 93 | 94  |
|                               | UNREG +12V         | 95 | 96  |
|                               | GND                | 97 | 98  |
|                               | GND                | 99 | 100 |

SDI-26

| CN105          |                 |    |     |
|----------------|-----------------|----|-----|
| 109-70, 102-11 | SDI A DT1/2     | 1  | 2   |
|                | N.C.            | 3  | 4   |
| 109-73, 102-15 | SDI A LRCK      | 5  | 6   |
|                | N.C.            | 7  | 8   |
| 102-19         | AES IN BCK1/2   | 9  | 10  |
|                | N.C.            | 11 | 12  |
| 102-23         | AES IN 256FS1/2 | 13 | 14  |
|                | N.C.            | 15 | 16  |
| 102-27         | AES IN BCK3/4   | 17 | 18  |
|                | N.C.            | 19 | 20  |
| 105-20, 102-28 | AES IN 256FS3/4 | 21 | 22  |
|                | N.C.            | 23 | 24  |
|                | N.C.            | 25 | 26  |
|                | N.C.            | 27 | 28  |
|                | GND             | 29 | 30  |
| 108-24         | IENPA-R         | 31 | 32  |
|                | N.C.            | 33 | 34  |
|                | N.C.            | 35 | 36  |
|                | N.C.            | 37 | 38  |
|                | N.C.            | 39 | 40  |
|                | N.C.            | 41 | 42  |
|                | N.C.            | 43 | 44  |
|                | N.C.            | 45 | 46  |
|                | N.C.            | 47 | 48  |
|                | N.C.            | 49 | 50  |
| 108-35         | BUQS            | 51 | 52  |
|                | GND             | 53 | 54  |
| 108-40         | QSDT2-R         | 55 | 56  |
|                | GND             | 57 | 58  |
| 108-43         | QSDT5-R         | 59 | 60  |
|                | GND             | 61 | 62  |
| 108-47         | QSDT8-R         | 63 | 64  |
|                | GND             | 65 | 66  |
| 108-51         | QSDT11-R        | 67 | 68  |
|                | GND             | 69 | 70  |
| 108-54         | QSDT14-R        | 71 | 72  |
|                | GND             | 73 | 74  |
| 108-60         | SFDT1           | 75 | 76  |
|                | GND             | 77 | 78  |
| 108-64         | SFDT4           | 79 | 80  |
|                | GND             | 81 | 82  |
| 108-67         | SFDT7           | 83 | 84  |
|                | GND             | 85 | 86  |
| 108-70         | SFDT10          | 87 | 88  |
|                | GND             | 89 | 90  |
| 108-74         | SFDT13          | 91 | 92  |
|                | GND             | 93 | 94  |
| 108-78         | IENPV-P         | 95 | 96  |
|                | GND             | 97 | 98  |
| 108-80         | TRCK3-P         | 99 | 100 |



| REF. NO. | CHANGED INFORMATION | LOT NO. |
|----------|---------------------|---------|
| C4, 6, 8 | 47 → 47 16V         | 712-    |
| O6, 7    | ADDED               | 706-    |
| R18      |                     |         |

KY-336

| CN702 |                       |    |    |
|-------|-----------------------|----|----|
| 1     | N.C.                  | 1  | 2  |
| 2     | AUDIO CH-1 VR (G)     | 3  | 4  |
| 3     | AUDIO CH-1 VR RET (X) | 5  | 6  |
| 4     | AUDIO CH-1 VR RET (Y) | 7  | 8  |
| 5     | AUDIO CH-1 VR (G)     | 9  | 10 |
| 6     | AUDIO CH-2 VR (G)     | 11 | 12 |
| 7     | AUDIO CH-2 VR RET (X) | 13 | 14 |
| 8     | AUDIO CH-2 VR RET (Y) | 15 | 16 |
| 9     | AUDIO CH-2 VR (G)     | 17 | 18 |
| 10    | AUDIO CH-3 VR (G)     | 19 | 20 |
| 11    | AUDIO CH-3 VR RET (X) | 21 | 22 |
| 12    | AUDIO CH-3 VR RET (Y) | 23 | 24 |
| 13    | AUDIO CH-3 VR (G)     | 25 | 26 |
| 14    | AUDIO CH-4 VR (G)     | 27 | 28 |
| 15    | AUDIO CH-4 VR RET (X) | 29 | 30 |
| 16    | AUDIO CH-4 VR RET (Y) | 31 | 32 |
| 17    | AUDIO CH-4 VR (G)     | 33 | 34 |
| 18    | L.CPU RESET           | 35 | 36 |
| 19    | L.KY CS               | 37 | 38 |
| 20    | SY S01                | 39 | 40 |
| 21    | SY S11                | 41 | 42 |
| 22    | SY SCK1               | 43 | 44 |
| 23    | N.C.                  | 45 | 46 |
| 24    | MIC GND               | 47 | 48 |
| 25    | MIC SCK               | 49 | 50 |
| 26    | MIC SDA               | 51 | 52 |
| 27    | MIC VCC               | 53 | 54 |
| 28    | LOCAL SYNC PHASE ADJ  | 55 | 56 |
| 29    | LOCAL SC PHASE ADJ    | 57 | 58 |
| 30    | REG +5V               | 59 | 60 |
| 31    | UNREG +12V            | 61 | 62 |
| 32    | UNREG +12V            | 63 | 64 |
| 33    | GND                   | 65 | 66 |
| 34    | GND                   | 67 | 68 |
| 35    | GND                   | 69 | 70 |
| 36    | UNREG -12V            | 71 | 72 |

13-148 (a)

13-148 (a)

SDI-26

|                                |  | CN108 |     |  |
|--------------------------------|--|-------|-----|--|
|                                |  | 1     | 2   | N.C  |
|                                |  | 3     | 4   | GND  |
|                                |  | 5     | 6   | N.C  |
|                                |  | 7     | 8   | OSDA DATA 103-4                            |
|                                |  | 9     | 10  | OSDA START 103-6                           |
| 103-7                          |  | 11    | 12  | OSDA FRAME                                 |
|                                |  | 13    | 14  | N.C  |
|                                |  | 15    | 16  | N.C  |
|                                |  | 17    | 18  | N.C  |
|                                |  | 19    | 20  | N.C  |
|                                |  | 21    | 22  | N.C  |
|                                |  | 23    | 24  | N.C  |
|                                |  | 25    | 26  | N.C  |
|                                |  | 27    | 28  | GND  |
|                                |  | 29    | 30  | N.C  |
|                                |  | 31    | 32  | N.C  |
|                                |  | 33    | 34  | N.C  |
|                                |  | 35    | 36  | OSDI-P MUTE 113-37                         |
|                                |  | 37    | 38  | N.C  |
| 111-49                         |  | 39    | 40  | PB CK27-2 (G)                              |
|                                |  | 41    | 42  | N.C  |
|                                |  | 43    | 44  | REF OE 109-47, 111-58                      |
|                                |  | 45    | 46  | N.C  |
| 109-51, 111-62, 113-15         |  | 47    | 48  | REF HD                                     |
|                                |  | 49    | 50  | N.C  |
|                                |  | 51    | 52  | GND  |
| 109-56, 113-30                 |  | 53    | 54  | SP S11 109-57, 113-31                      |
| 109-58, 113-32                 |  | 55    | 56  | N.C  |
|                                |  | 57    | 58  | N.C  |
| 113-39                         |  | 59    | 60  | N.C  |
|                                |  | 61    | 62  | N.C  |
| 113-45                         |  | 63    | 64  | L.OSDI INPUT EN 109-76, 113-46             |
|                                |  | 65    | 66  | N.C  |
|                                |  | 67    | 68  | N.C  |
|                                |  | 69    | 70  | SY SCK1 702-22, 109-78, 111-73, 111-74     |
| 702-20, 109-77, 111-74, 113-75 |  | 71    | 72  | SY S11 702-21, 109-80, 111-75, 113-76      |
|                                |  | 73    | 74  | N.C  |
|                                |  | 75    | 76  | L.CPU RESET 702-18, 109-84, 111-83, 113-80 |
| 109-83, 113-82                 |  | 77    | 78  | N.C  |
|                                |  | 79    | 80  | N.C  |
|                                |  | 81    | 82  | N.C  |
|                                |  | 83    | 84  | N.C  |
|                                |  | 85    | 86  | REG +3.15V                                 |
|                                |  | 87    | 88  | REG +3.15V                                 |
|                                |  | 89    | 90  | REG +5V                                    |
|                                |  | 91    | 92  | REG +5V                                    |
|                                |  | 93    | 94  | UNREG +6.8V                                |
|                                |  | 95    | 96  | UNREG +6.8V                                |
|                                |  | 97    | 98  | GND  |
|                                |  | 99    | 100 | GND  |

C2 R15  
NM NM  
11 11

SY-241

|                       |  | CN112 |     |                  |
|-----------------------|--|-------|-----|------------------|
| 601-10                |  | 1     | 2   | EXT LTC OUTPUT   |
| 601-8                 |  | 3     | 4   | EXT LTC INPUT    |
| 603-1                 |  | 5     | 6   | L.OUTPUT RGB     |
| 608-2                 |  | 7     | 8   | RM TX (+)        |
| 608-8                 |  | 9     | 10  | RM RX (+)        |
| 101-42                |  | 11    | 12  | AUDIO RC-P1 MUTE |
| 101-44                |  | 13    | 14  | AUDIO PB RESET   |
| 114-11                |  | 15    | 16  | SV D15           |
| 114-15                |  | 17    | 18  | 1/2 VD           |
| 114-14                |  | 19    | 20  | SV D12           |
| 114-19                |  | 21    | 22  | REF 150          |
| 114-18                |  | 23    | 24  | SV D9            |
| 114-23                |  | 25    | 26  | H.NTSC/L.PAL     |
| 114-22                |  | 27    | 28  | SV A9            |
| 114-25                |  | 29    | 30  | SV A7            |
| 114-27                |  | 31    | 32  | SV A5            |
| 114-77                |  | 33    | 34  | H.RECORDER       |
| 114-31                |  | 35    | 36  | SV A2            |
|                       |  | 37    | 38  | GND              |
| 114-34                |  | 39    | 40  | SV A0            |
| 114-37                |  | 41    | 42  | SV CLOCK (G)     |
| 114-39                |  | 43    | 44  | SV RAM CS        |
| 107-54                |  | 45    | 46  | SFY-R MS CS      |
| 101-46                |  | 47    | 48  | AUD JOG CS       |
|                       |  | 49    | 50  | N.C              |
| 101-49                |  | 51    | 52  | FS CONT-P CS     |
| 101-51                |  | 53    | 54  | DSP-P2 CS        |
| 101-53                |  | 55    | 56  | DSP-P2 XLAT      |
| 101-55                |  | 57    | 58  | L.DSP-P2 MUTE    |
| 101-57                |  | 59    | 60  | SP S10           |
| 101-59                |  | 61    | 62  | DSP-P READY      |
| 114-7, 107-14, 116-48 |  | 63    | 64  | FLTT1-P          |
| 114-6, 107-10, 116-47 |  | 65    | 66  | TRKT-P           |
| 115-61                |  | 67    | 68  | FRAME PULSE      |
| 107-51, 104-56        |  | 69    | 70  | SP SCK-S1        |
| 107-53, 104-59        |  | 71    | 72  | SP S1-S1         |
| 107-55                |  | 73    | 74  | L.CTLG RESET     |
| 107-57                |  | 75    | 76  | NFIL-R CS        |
| 107-59                |  | 77    | 78  | CC-DECODER CS    |
| 107-62                |  | 79    | 80  | SFY-R BANK       |
|                       |  | 81    | 82  | UNREG +15V       |
|                       |  | 83    | 84  | UNREG +15V       |
|                       |  | 85    | 86  | UNREG -12V       |
|                       |  | 87    | 88  | UNREG -12V       |
|                       |  | 89    | 90  | UNREG -5V        |
|                       |  | 91    | 92  | UNREG -5V        |
|                       |  | 93    | 94  | UNREG +12V       |
|                       |  | 95    | 96  | UNREG +12V       |
|                       |  | 97    | 98  | GND              |
|                       |  | 99    | 100 | GND              |

| CN07 |                     | 110-40 |
|------|---------------------|--------|
| 1    | RM SYNC PHASE ADJ   | 110-39 |
| 2    | RM HUE ADJ          | 110-41 |
| 3    | RM SC PHASE ADJ     | 110-35 |
| 4    | RM VIDEO LEVEL ADJ  | 110-36 |
| 5    | RM SETUP LEVEL ADJ  | 110-37 |
| 6    | RM CHROMA LEVEL ADJ | 110-38 |
| 7    | REMOTE REG -9V      |        |
| 8    | GND                 |        |
| 9    | GND                 |        |
| 10   | N.C                 |        |
| 11   | N.C                 |        |
| 12   | N.C                 |        |
| 13   | RM Y/C DELAY ADJ    |        |
| 14   | N.C                 |        |
| 15   | REMOTE REG +9V      |        |

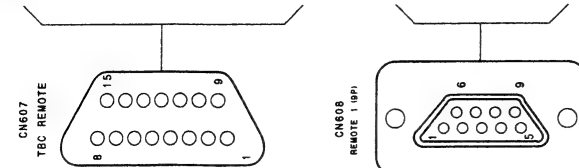
| CN08 |           | 112-7 |
|------|-----------|-------|
| 1    | GND       | 112-8 |
| 2    | RM TX (-) |       |
| 3    | RM RX (+) |       |
| 4    | GND       |       |
| 5    | N.C       |       |
| 6    | GND       |       |
| 7    | RM TX (+) | 112-6 |
| 8    | RM RX (-) | 112-9 |
| 9    | GND       |       |

| CN09 |                | 114-29 |
|------|----------------|--------|
| 1    | UNREG +12V     |        |
| 2    | FAN MOTOR STOP |        |
| 3    | GND            |        |

| CN93 |             |  |
|------|-------------|--|
| 1    | REG +3.15V  |  |
| 2    | REG +5V     |  |
| 3    | UNREG +6.8V |  |
| 4    | UNREG +12V  |  |
| 5    | UNREG -12V  |  |
| 6    | UNREG +15V  |  |
| 7    | UNREG -15V  |  |
| 8    | UNREG -5V   |  |
| 9    | GND         |  |
| 10   | GND         |  |

| CN93 |            |  |
|------|------------|--|
| 1    | REG +5V    |  |
| 2    | REG +5V    |  |
| 3    | REG +3.15V |  |
| 4    | REG +3.15V |  |
| 5    | UNREG -5V  |  |
| 6    | GND        |  |
| 7    | GND        |  |
| 8    | GND        |  |

| CN94 |             |  |
|------|-------------|--|
| 1    | UNREG +12V  |  |
| 2    | UNREG -12V  |  |
| 3    | UNREG +6.8V |  |
| 4    | GND         |  |
| 5    | UNREG +15V  |  |
| 6    | UNREG -15V  |  |





SY-241

| CN113                          |                    |    |     |                   |
|--------------------------------|--------------------|----|-----|-------------------|
| 109-2                          | N.C                | 1  | 2   | SY S12            |
| 109-3                          | SY S02             | 3  | 4   | SY SCK2           |
| 109-4                          | N.C                | 5  | 6   | CTLG-P MOD CS     |
| 109-5                          | CTLG-P SP CS       | 7  | 8   | CTLG SUB-P CS     |
| 109-6                          | N.C                | 9  | 10  | CTLG-R MOD CS     |
| 109-7                          | CTLG-R SP CS       | 11 | 12  | N.C               |
| 109-8                          | REF OE             | 13 | 14  | REF VD            |
| 109-50, 111-57                 | REF HD             | 15 | 16  | H.WIDE DC         |
| 109-51, 106-47, 111-62         | INPUT WIDE DET     | 17 | 18  | CHARACTER FRAME   |
| 111-66                         | CHARACTER SIG      | 19 | 20  | L.TBC CPU CS      |
| 111-68                         | N.C                | 21 | 22  | L.MAINT MODE      |
| 111-72                         | INPUT LTB DET      | 23 | 24  | CC-F1             |
|                                | N.C                | 25 | 26  | L.KY CS           |
|                                | N.C                | 27 | 28  | L.SDI OUT OP CS   |
|                                | N.C                | 29 | 30  | SP S11            |
| 109-57, 106-54                 | SP S01             | 31 | 32  | SP SCK1           |
| 109-63                         | SFY-P MS CS        | 33 | 34  | SFY-P SP CS       |
| 109-60                         | NFIL-P CS          | 35 | 36  | V1-P CS           |
| 106-36                         | QSDI-P MUTE        | 37 | 38  | JUST-P CS         |
| 106-59                         | QSDI-P CS          | 39 | 40  | VRAM-P WE         |
|                                | N.C                | 41 | 42  | N.C               |
|                                | N.C                | 43 | 44  | CC-F2             |
| 106-63                         | L.QSDI INPUT EN    | 45 | 46  | L.QSDI OP CS      |
| 109-68                         | FLTTO-R            | 47 | 48  | QSDI CORE R1 CS   |
| 103-12                         | QSDI CORE R2 CS    | 49 | 50  | AUD EDIT CS       |
| 103-15                         | FS CONT QSDI CS    | 51 | 52  | AUD-R1 CS         |
| 103-19                         | EDIT PLD CS        | 53 | 54  | AUD-R2 CS         |
| 109-66                         | TRKT-R2            | 55 | 56  | DSP-R READY       |
| 103-17                         | L.FLTA ERR         | 57 | 58  | DSP-R CS          |
| 103-23                         | DSP-R1 CS          | 59 | 60  | DSP-R2 CS         |
| 103-25                         | L.DSP-R1 MUTE      | 61 | 62  | DSP-R1 XLAT       |
| 103-27                         | DSP-R2 XLAT        | 63 | 64  | SP S1-S2          |
| 103-29                         | L.DSP-R2 MUTE      | 65 | 66  | SP SCK-S2         |
| 103-31                         | SP S0-S2           | 67 | 68  | N.C               |
| 103-33                         | DA-P1 XLAT         | 69 | 70  | N.C               |
| 103-35                         | RC-P1 XLAT         | 71 | 72  | RC-P2 XLAT        |
| 103-37                         | DA-P2 XLAT         | 73 | 74  | SY SCK1           |
| 702-20, 109-77, 106-71, 111-74 | SY S01             | 75 | 76  | SY S11            |
| 103-38                         | DA ID              | 77 | 78  | L.SDI IN OP EXIST |
| 109-81                         | L.SDI OUT OP EXIST | 79 | 80  | L.CPU RESET       |
|                                | N.C                | 81 | 82  | L.QSDI OP EXIST   |
|                                | N.C                | 83 | 84  | GND               |
|                                | REG +3.15V         | 85 | 86  | REG +3.15V        |
|                                | REG +3.15V         | 87 | 88  | REG +3.15V        |
|                                | REG +5V            | 89 | 90  | REG +5V           |
|                                | REG +5V            | 91 | 92  | REG +5V           |
|                                | UNREG +6.8V        | 93 | 94  | UNREG +6.8V       |
|                                | UNREG +6.8V        | 95 | 96  | UNREG +6.8V       |
|                                | GND                | 97 | 98  | GND               |
|                                | GND                | 99 | 100 | GND               |

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| CN114                          |                    |    |     |                    |
|--------------------------------|--------------------|----|-----|--------------------|
| 107-3                          | LVD                | 1  | 2   | N.C                |
| 107-5                          | SDI CFP2           | 3  | 4   | SDI CFP1           |
| 107-7                          | SDI CFP0           | 5  | 6   | TRKT-P             |
| 112-63, 107-14, 116-48         | FLTT1-P            | 7  | 8   | TRKT-R             |
| 107-11, 104-23, 112-62, 101-33 | FLTT1-R            | 9  | 10  | N.C                |
| 112-15                         | SV D15             | 11 | 12  | SV D14             |
| 112-18                         | SV D13             | 13 | 14  | SV D12             |
| 112-17                         | 1/2 VD             | 15 | 16  | SV D11             |
| 112-22                         | SV D10             | 17 | 18  | SV D9              |
| 112-21                         | REF 150            | 19 | 20  | SV D8              |
| 112-26                         | SV A10             | 21 | 22  | SV A9              |
| 112-25                         | H.NTSC/L.PAL       | 23 | 24  | SV A8              |
| 112-29                         | SV A7              | 25 | 26  | SV A6              |
| 112-31                         | SV A5              | 27 | 28  | SV A4              |
| 609-2                          | FAN MOTOR STOP     | 29 | 30  | SV A3              |
| 112-35                         | SV A2              | 31 | 32  | SV A1              |
|                                | GND                | 33 | 34  | SV A0              |
| 112-38                         | SV HWR             | 35 | 36  | SV RD              |
| 112-41                         | SV CLOCK (G)       | 37 | 38  | SV RAM WAIT        |
| 112-43                         | SV RAM CS          | 39 | 40  | SV CLOCK (X)       |
| 110-50                         | H.INPUT EXIST      | 41 | 42  | L.CPU RESET2       |
| 116-49                         | OCH ATF GAIN CONT. | 43 | 44  | OCH ATF RF CUT     |
| 116-51                         | L.TEST             | 45 | 46  | OCH ATF ERROR (X)  |
| 116-53                         | OCH ATF ERROR (G)  | 47 | 48  | ECH ATF GAIN CONT. |
| 116-55                         | ATF SEL            | 49 | 50  | ECH ATF RF CUT     |
| 116-57                         | ECH ATF ERROR (X)  | 51 | 52  | ECH ATF ERROR (G)  |
| 116-59                         | L.ITI CENTER       | 53 | 54  | EEPROM RP BUSY     |
| 116-61                         | EEPROM RP CS       | 55 | 56  | EEPROM RP RESET    |
| 116-63                         | RP D/A LD1         | 57 | 58  | RP D/A LD2         |
| 116-65                         | RP D/A LD3         | 59 | 60  | N.C                |
| 116-67                         | SV S12             | 61 | 62  | SV S02             |
| 116-69                         | SV SCK2            | 63 | 64  | N.C                |
| 116-70                         | SV S13             | 65 | 66  | SV S03             |
| 116-72                         | SV SCK3            | 67 | 68  | CHCD-P1 CS         |
| 116-74                         | CHCD-P2 CS         | 69 | 70  | CHCD-R1 CS         |
| 116-76                         | CHCD-R2 CS         | 71 | 72  | L.CHCD RESET       |
| 116-78                         | PB SW REF          | 73 | 74  | SUBCODE AREA       |
| 116-80                         | SSA 30R            | 75 | 76  | REC SW REF         |
| 112-33                         | H.RECORDER         | 77 | 78  | FIFO-R CS          |
| 110-54                         | L.NON STD          | 79 | 80  | ATF SW             |
|                                | UNREG +6.8V        | 81 | 82  | UNREG +6.8V        |
|                                | UNREG +6.8V        | 83 | 84  | UNREG +6.8V        |
|                                | UNREG -12V         | 85 | 86  | UNREG -12V         |
|                                | UNREG -12V         | 87 | 88  | UNREG -12V         |
|                                | UNREG -5V          | 89 | 90  | UNREG -5V          |
|                                | UNREG -5V          | 91 | 92  | UNREG -5V          |
|                                | UNREG +12V         | 93 | 94  | UNREG +12V         |
|                                | UNREG +12V         | 95 | 96  | UNREG +12V         |
|                                | GND                | 97 | 98  | GND                |
|                                | GND                | 99 | 100 | GND                |

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| CN115          |                      |    |     |                      |
|----------------|----------------------|----|-----|----------------------|
| 505-13         | CC UP/DOWN MOTOR (+) | 1  | 2   | CC UP/DOWN MOTOR (-) |
| 505-4          | COMP EXIST           | 3  | 4   | CAPSTAN DRIVE        |
| 505-2          | CAS IN1              | 5  | 6   | CAS IN2              |
| 505-7          | CAS IN3              | 7  | 8   | PINCH SOL VCC        |
| 505-6          | CC DOWN2             | 9  | 10  | CC DOWN1             |
| 503-1          | CAPSTAN DIR CONT.    | 11 | 12  | PINCH SOL STARTER    |
| 111-77         | H.STD/L.NON-STD      | 13 | 14  | CAP BRAKE            |
| 503-7          | UNTH END             | 15 | 16  | PINCH SOL HOLDER     |
| 112-80, 111-76 | REF CF PULSE         | 17 | 18  | TH END               |
| 503-11         | DEW DET (G)          | 19 | 20  | CLEANING SOL STARTER |
| 111-78         | INPUT CF PULSE       | 21 | 22  | DEW DET (X)          |
| 505-1          | CC DOWN3             | 23 | 24  | CLEANING SOL VCC     |
| 103-39         | JOG SPEED            | 25 | 26  | TH/UNTH END LED      |
| 503-22         | POSITION LED         | 27 | 28  | THREADING MOTOR (+)  |
| 503-19         | CLEANING SOL HOLDER  | 29 | 30  | THREADING FG         |
| 503-27         | DRUM FG              | 31 | 32  | THREADING MOTOR (-)  |
|                | N.C                  | 33 | 34  | DRUM DIR CONT.       |
| 503-29         | DRUM CURRENT         | 35 | 36  | DRUM DRIVE           |
|                | N.C                  | 37 | 38  | DRUM FG              |
| 503-31         | CAPSTAN FG A         | 39 | 40  | T REEL MOTOR (-)     |
|                | N.C                  | 41 | 42  | CAPSTAN FG B         |
| 503-33         | EEPROM-SV RESET      | 43 | 44  | T REEL MOTOR (+)     |
|                | N.C                  | 45 | 46  | L.MS EXIST1          |
| 506-1          | TENSION SENSOR VEE   | 47 | 48  | T BRAKE SOL HOLDER   |
|                | N.C                  | 49 | 50  | TENSION SENSOR (+)   |
| 506-3          | TENSION SENSOR (-)   | 51 | 52  | T BRAKE SOL STARTER  |
| 107-49, 112-66 | SFY-P BANK           | 53 | 54  | TENSION SENSOR VCC   |
| 506-5          | END SENSOR (X)       | 55 | 56  | T BRAKE SOL VCC      |
| 107-48         | SFY-P TBC EN         | 57 | 58  | SV S11               |
| 506-7          | SV S01               | 59 | 60  | S REEL MOTOR (+)     |
| 112-67         | FRAME PULSE          | 61 | 62  | SV SCK1              |
| 506-9          | EEPROM-SV CS         | 63 | 64  | S REEL MOTOR (-)     |
|                | N.C                  | 65 | 66  | EEPROM-SV BUSY       |
| 506-11         | THERMO SENSOR        | 67 | 68  | S BRAKE SOL HOLDER   |
|                | N.C                  | 69 | 70  | T REEL FG B          |
| 506-18         | T REEL FG A          | 71 | 72  | S BRAKE SOL STARTER  |
| 111-63         | H.EXT SYNC MODE      | 73 | 74  | S REEL FG B          |
| 506-25         | S REEL FG A          | 75 | 76  | S BRAKE SOL VCC      |
| 111-65         | H.EXT BURST EXIST    | 77 | 78  | TOP/END LED VCC      |
| 506-28         | TOP SENSOR (X)       | 79 | 80  | POSITION MOTOR (-)   |
| 503-36         | REC INH SW (X)       | 81 | 82  | H.S POSITION         |
| 506-31         | H.L POSITION         | 83 | 84  | POSITION MOTOR (+)   |
|                | REG +3.15V           | 85 | 86  | REG +3.15V           |
|                | REG +3.15V           | 87 | 88  | REG +3.15V           |
|                | REG +5V              | 89 | 90  | REG +5V              |
|                | REG +5V              | 91 | 92  | REG +5V              |
|                | MECHA +12V           | 93 | 94  | MECHA +12V           |
|                | MECHA +12V           | 95 | 96  | MECHA +12V           |
|                | GND                  | 97 | 98  | GND                  |
|                | GND                  | 99 | 100 | GND                  |

1

2

3

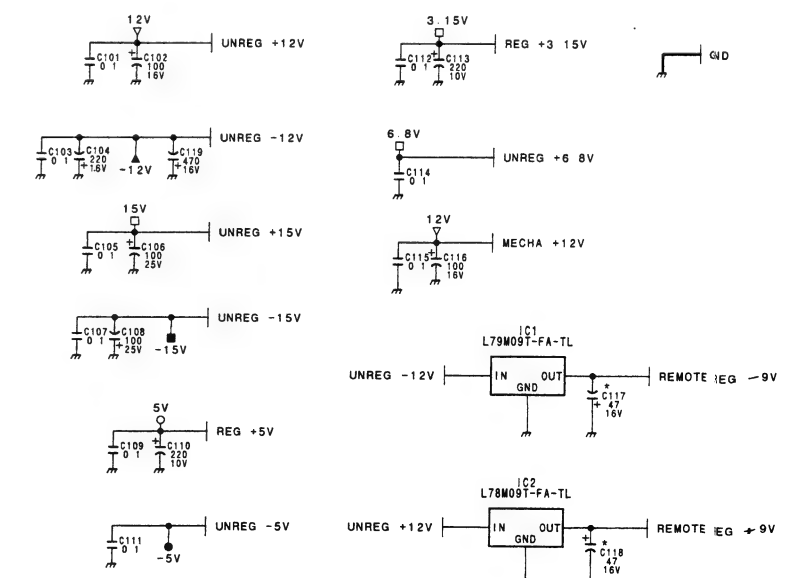
4

5

| CN801  |               |    |    |               |
|--------|---------------|----|----|---------------|
|        | GND           | 1  | 2  | GND           |
|        | REG +3.15V    | 3  | 4  | REG +3.15V    |
|        | UNREG +6.8V   | 5  | 6  | UNREG +6.8V   |
| 116-41 | PB-O PB CONT  | 7  | 8  | PB-E PB CONT  |
| 116-40 | PB-O RF (X)   | 9  | 10 | PB-O RF (Y)   |
| 116-38 | PB-O RF (G)   | 11 | 12 | GND           |
| 116-36 | PB-E RF (X)   | 13 | 14 | PB-E RF (Y)   |
| 116-34 | PB-E RF (G)   | 15 | 16 | L:10U         |
| 116-32 | SPPB-O RF (X) | 17 | 18 | SPPB-O RF (Y) |
| 116-30 | SPPB-O RF (G) | 19 | 20 | REC-O CURRENT |
| 116-28 | REC-O CLOCK   | 21 | 22 | REC-O AREA    |

| CN802  |               |    |    |                  |
|--------|---------------|----|----|------------------|
| 116-26 | REC-O DATA    | 1  | 2  | REC-O POWER SAVE |
| 116-19 | GND           | 3  | 4  | SPPB-E RF (X)    |
| 116-17 | SPPB-E RF (Y) | 5  | 6  | SPPB-E RF (G)    |
| 116-15 | GND           | 7  | 8  | REC-E CURRENT    |
| 116-13 | REC-E AREA    | 9  | 10 | REC-E CLOCK      |
| 116-11 | REC-E DATA    | 11 | 12 | REC-E POWER SAVE |
|        | GND           | 13 | 14 | GND              |
|        | UNREG -5V     | 15 | 16 | UNREG -5V        |
|        | UNREG +6.8V   | 17 | 18 | UNREG +6.8V      |
| 116-3  | ERASE CURRENT | 19 | 20 | ERASE CONT       |
| 116-1  | ERASE (G)     | 21 | 22 | ERASE (X)        |

| REF NO.   | CHANGED INFORMATION | LOT NO. |
|-----------|---------------------|---------|
| C117, 118 | 47 → 47 16V         | 712-    |



RP-101

| CN116                 |                    |     |     |                    |
|-----------------------|--------------------|-----|-----|--------------------|
| 802-21                | ERASE (G)          | 1   | 2   | ERASE (X)          |
| 802-19                | ERASE CURRENT      | 3   | 4   | ERASE CONT         |
|                       | GND                | 5   | 6   | GND                |
|                       | GND                | 7   | 8   | GND                |
|                       | GND                | 9   | 10  | GND                |
| 802-11                | REC-E DATA         | 11  | 12  | REC-E POWER SAVE   |
| 802-9                 | REC-E AREA         | 13  | 14  | REC-E CLOCK        |
| 802-7                 | GND                | 15  | 16  | REC-E CURRENT      |
| 802-5                 | SPPB-E RF (Y)      | 17  | 18  | SPPB-E RF (G)      |
|                       | GND                | 19  | 20  | SPPB-E RF (X)      |
|                       | N.C                | 21  | 22  | N.C                |
| 802-2                 | REC-O POWER SAVE   | 23  | 24  | GND                |
| 801-22                | REC-O AREA         | 25  | 26  | REC-O DATA         |
| 801-20                | REC-O CURRENT      | 27  | 28  | REC-O CLOCK        |
| 801-18                | SPPB-O RF (Y)      | 29  | 30  | SPPB-O RF (G)      |
| 801-16, 108-28        | L:10U              | 31  | 32  | SPPB-O RF (X)      |
| 801-14                | PB-E RF (Y)        | 33  | 34  | PB-E RF (G)        |
|                       | GND                | 35  | 36  | PB-E RF (X)        |
| 801-10                | PB-O RF (Y)        | 37  | 38  | PB-O RF (G)        |
|                       | GND                | 39  | 40  | PB-O RF (X)        |
| 801-7                 | PB-O PB CONT       | 41  | 42  | PB-E PB CONT       |
|                       | GND                | 43  | 44  | GND                |
|                       | N.C                | 45  | 46  | N.C                |
| 112-65, 114-6, 107-10 | TRKT-P             | 47  | 48  | FLTT1-P            |
| 114-43                | OCH ATF GAIN CONT. | 49  | 50  | OCH ATF RF CUT     |
| 114-45                | L:TEST             | 51  | 52  | OCH ATF ERROR (X)  |
| 114-47                | OCH ATF ERROR (G)  | 53  | 54  | ECH ATF GAIN CONT. |
| 114-49                | ATF SEL            | 55  | 56  | ECH ATF RF CUT     |
| 114-51                | ECH ATF ERROR (X)  | 57  | 58  | ECH ATF ERROR (G)  |
| 114-53                | L:IT1 CENTER       | 59  | 60  | EEPROM RP BUSY     |
| 114-55                | EEPROM RP CS       | 61  | 62  | EEPROM RP RESET    |
| 114-57                | RP D/A LD1         | 63  | 64  | RP D/A LD2         |
| 114-59                | RP D/A LD3         | 65  | 66  | N.C                |
| 114-61                | SV S12             | 67  | 68  | SV S02             |
| 114-63                | SV SCK2            | 69  | 70  | SV S13             |
| 114-66                | SV S03             | 71  | 72  | SV SCK3            |
| 114-68                | CHCD-P1 CS         | 73  | 74  | CHCD-P2 CS         |
| 114-70                | CHCD-R1 CS         | 75  | 76  | CHCD-R2 CS         |
| 114-72                | L:CHCD RESET       | 77  | 78  | PB SW REF          |
| 114-74                | SUBCODE AREA       | 79  | 80  | SSA 30R            |
| 114-76, 108-9         | REC SW REF         | 81  | 82  | FIFO-R CS          |
| 114-80                | ATF SW             | 83  | 84  | R-VAR FRP          |
| 107-1                 | P-VAR FRP          | 85  | 86  | N.C                |
|                       | GND                | 87  | 88  | GND                |
|                       | GND                | 89  | 90  | GND                |
|                       | GND                | 91  | 92  | GND                |
| 108-10                | DTSC0              | 93  | 94  | DTSC1              |
| 108-12                | DTSC2              | 95  | 96  | DTSC3              |
| 108-14                | DTSC4              | 97  | 98  | DTSC5              |
| 108-16                | DTSC6              | 99  | 100 | DTSC7              |
| 108-18                | FRPSC-R            | 101 | 102 | TRPSC-R            |
| 108-20                | DRCKREF            | 103 | 104 | 13.5MHZ            |
| 108-22                | VRCKCS-R           | 105 | 106 | VRCKCS-P           |
|                       | N.C                | 107 | 108 | FRPSC-P            |
| 108-85                | TRPSC-P            | 109 | 110 | SYCS               |
| 108-90                | SCDVCS             | 111 | 112 | VADVCS             |
| 108-92, 102-52        | VPCKCS             | 113 | 114 | GND                |
| 108-93, 102-54        | DTCS0              | 115 | 116 | DTCS1              |
| 108-95, 102-56        | DTCS2              | 117 | 118 | DTCS3              |
| 108-97, 102-59        | DTCS4              | 119 | 120 | DTCS5              |
| 108-99, 102-62        | DTCS6              | 121 | 122 | DTCS7              |
|                       | GND                | 123 | 124 | GND                |
|                       | GND                | 125 | 126 | GND                |
|                       | REG +3.15V         | 127 | 128 | REG +5V            |
|                       | REG +3.15V         | 129 | 130 | REG +5V            |
|                       | UNREG -5V          | 131 | 132 | UNREG +6.8V        |
|                       | UNREG -5V          | 133 | 134 | UNREG +6.8V        |
|                       | UNREG -12V         | 135 | 136 | UNREG +12V         |
|                       | UNREG -12V         | 137 | 138 | UNREG +12V         |
|                       | GND                | 139 | 140 | GND                |
|                       | GND                | 141 | 142 | GND                |
|                       | GND                | 143 | 144 | GND                |
|                       | GND                | 145 | 146 | GND                |
|                       | GND                | 147 | 148 | GND                |

DA-119

| CN101                         |                       |    |     |                       |
|-------------------------------|-----------------------|----|-----|-----------------------|
| 606-10                        | AUDIO CH-4 OUTPUT (G) | 1  | 2   | AUDIO CH-4 OUTPUT (Y) |
| 606-12                        | AUDIO CH-4 OUTPUT (X) | 3  | 4   | AUDIO CH-3 OUTPUT (Y) |
| 606-9                         | AUDIO CH-3 OUTPUT (X) | 5  | 6   | AUDIO CH-3 OUTPUT (G) |
| 606-4                         | AUDIO CH-2 OUTPUT (G) | 7  | 8   | AUDIO CH-2 OUTPUT (Y) |
| 606-6                         | AUDIO CH-2 OUTPUT (X) | 9  | 10  | AUDIO CH-1 OUTPUT (Y) |
| 606-3                         | AUDIO CH-1 OUTPUT (X) | 11 | 12  | AUDIO CH-1 OUTPUT (G) |
| 602-8                         | AUDIO MON1 OUTPUT (X) | 13 | 14  | AUDIO MON1 OUTPUT (G) |
|                               | N.C                   | 15 | 16  | N.C                   |
|                               | N.C                   | 17 | 18  | N.C                   |
|                               | N.C                   | 19 | 20  | N.C                   |
|                               | N.C                   | 21 | 22  | N.C                   |
|                               | N.C                   | 23 | 24  | N.C                   |
|                               | N.C                   | 25 | 26  | N.C                   |
|                               | N.C                   | 27 | 28  | N.C                   |
|                               | N.C                   | 29 | 30  | N.C                   |
| 104-20, 107-9                 | FLTT1-P2              | 31 | 32  | TRKT-P2               |
| 107-11, 104-23, 112-62, 114-9 | FLTT1-R               | 33 | 34  | TRKT-R                |
|                               | N.C                   | 35 | 36  | FLTA-R                |
|                               | N.C                   | 37 | 38  | SPCK3-R               |
|                               | N.C                   | 39 | 40  | N.C                   |
| 104-41, 112-10                | AUDIO OUTPUT MUTE     | 41 | 42  | AUDIO RC-P1 MUTE      |
| 112-12                        | AUDIO RC-P2 MUTE      | 43 | 44  | AUDIO PB RESET        |
| 112-14                        | AUD SFY CS            | 45 | 46  | AUD JOG CS            |
| 112-48                        | AUD-P1 CS             | 47 | 48  | AUD-P2 CS             |
| 112-51                        | FS CONT-P CS          | 49 | 50  | DSP-P1 CS             |
| 112-53                        | DSP-P2 CS             | 51 | 52  | DSP-P1 XLAT           |
| 112-55                        | DSP-P2 XLAT           | 53 | 54  | L:DSP-P1 MUTE         |
| 112-57                        | L:DSP-P2 MUTE         | 55 | 56  | SP SCK0               |
| 112-59                        | SP S00                | 57 | 58  | SP S10                |
| 112-61                        | DSP-P READY           | 59 | 60  | N.C                   |
|                               | GND                   | 61 | 62  | D1 AD0                |
| 107-63, 104-63                | D1 AD1                | 63 | 64  | D1 AD2                |
| 107-65, 104-65                | D1 AD3                | 65 | 66  | D1 AD4                |
| 107-67, 104-67                | D1 AD5                | 67 | 68  | D1 AD6                |
| 107-69, 104-69                | D1 AD7                | 69 | 70  | AES CS                |
| 107-71, 104-71                | D1 A8                 | 71 | 72  | D1 A9                 |
| 107-73, 104-73                | D1 ASTB               | 73 | 74  | D1 RD                 |
| 107-75, 104-75                | D1 WR                 | 75 | 76  | D1 C STS CHG          |
|                               | UNREG -15V            | 77 | 78  | UNREG -15V            |
|                               | UNREG -15V            | 79 | 80  | UNREG -15V            |
|                               | UNREG +15V            | 81 | 82  | UNREG +15V            |
|                               | UNREG +15V            | 83 | 84  | UNREG +15V            |
|                               | UNREG -12V            | 85 | 86  | UNREG -12V            |
|                               | UNREG -12V            | 87 | 88  | UNREG -12V            |
|                               | UNREG -5V             | 89 | 90  | UNREG -5V             |
|                               | UNREG -5V             | 91 | 92  | UNREG -5V             |
|                               | UNREG +12V            | 93 | 94  | UNREG +12V            |
|                               | UNREG +12V            | 95 | 96  | UNREG +12V            |
|                               | GND                   | 97 | 98  | GND                   |
|                               | GND                   | 99 | 100 | GND                   |



DA-119

| CN102            |                 |    |     |                 |
|------------------|-----------------|----|-----|-----------------|
| 107-78           | SDIA REC DT1/2  | 1  | 2   | SDIA REC DT3/4  |
| 107-81           | SDIA REC BCK    | 3  | 4   | SDIA REC LRCK   |
|                  | GND             | 5  | 6   | SDIA REC 256FS  |
| 107-84           | SDIA REC ERR2   | 7  | 8   | SDIA REC ERR1   |
|                  | GND             | 9  | 10  | SDI A DT3/4     |
| 109-70. 105-1    | SDI A DT1/2     | 11 | 12  | SDI A BCK       |
|                  | GND             | 13 | 14  | SDI A 128FS     |
| 109-73. 105-5    | SDI A LRCK      | 15 | 16  | AES IN DT1/2    |
|                  | GND             | 17 | 18  | AES IN LRCK1/2  |
| 105-9            | AES IN BCK1/2   | 19 | 20  | AES IN ERR1/2   |
|                  | N.C             | 21 | 22  | AES IN DT3/4    |
| 105-13           | AES IN 256FS1/2 | 23 | 24  | AES IN LRCK3/4  |
|                  | N.C             | 25 | 26  | AES IN ERR3/4   |
| 105-17           | AES IN BCK3/4   | 27 | 28  | AES IN 256FS3/4 |
|                  | GND             | 29 | 30  | GND             |
|                  | N.C             | 31 | 32  | TRCK4-R         |
|                  | GND             | 33 | 34  | AUEN-R          |
| 108-30           | ADTO-R          | 35 | 36  | SADT-R          |
|                  | GND             | 37 | 38  | START-R         |
|                  | N.C             | 39 | 40  | N.C             |
|                  |                 | 41 | 42  |                 |
|                  | N.C             | 43 | 44  | TRCK4-P         |
|                  | N.C             | 45 | 46  | N.C             |
| 108-81           | SADT-P          | 47 | 48  | START-P         |
|                  | GND             | 49 | 50  | SYCS            |
| 116-112. 108-91  | VADVCS          | 51 | 52  | VPCCKCS         |
|                  | GND             | 53 | 54  | DTCS0           |
| 116-116. 108-94  | DTCS1           | 55 | 56  | DTCS2           |
|                  | GND             | 57 | 58  | DTCS3           |
| 116-119. 108-97  | DTCS4           | 59 | 60  | DTCS5           |
|                  | GND             | 61 | 62  | DTCS6           |
| 116-122. 108-100 | DTCS7           | 63 | 64  | GND             |
|                  | N.C             | 65 | 66  | N.C             |
|                  | N.C             | 67 | 68  | N.C             |
|                  | N.C             | 69 | 70  | N.C             |
|                  | N.C             | 71 | 72  | N.C             |
|                  | N.C             | 73 | 74  | N.C             |
|                  | N.C             | 75 | 76  | N.C             |
|                  | N.C             | 77 | 78  | N.C             |
|                  | N.C             | 79 | 80  | N.C             |
|                  | N.C             | 81 | 82  | N.C             |
|                  | N.C             | 83 | 84  | N.C             |
|                  | N.C             | 85 | 86  | N.C             |
|                  | N.C             | 87 | 88  | N.C             |
|                  | N.C             | 89 | 90  | N.C             |
|                  | N.C             | 91 | 92  | N.C             |
|                  | N.C             | 93 | 94  | N.C             |
|                  | N.C             | 95 | 96  | N.C             |
|                  | N.C             | 97 | 98  | N.C             |
|                  | N.C             | 99 | 100 | N.C             |

DA-119

| CN103                        |                       |    |     |                       |
|------------------------------|-----------------------|----|-----|-----------------------|
|                              | GND                   | 1  | 2   | GND                   |
|                              | N.C                   | 3  | 4   | QSDA DATA             |
|                              | GND                   | 5  | 6   | QSDA START            |
| 106-11                       | QSDA FRAME            | 7  | 8   | N.C                   |
|                              | GND                   | 9  | 10  | N.C                   |
|                              | N.C                   | 11 | 12  | QSDI CORE R2 CS       |
| 113-48                       | QSDI CORE R1 CS       | 13 | 14  | AUD EDIT CS           |
| 113-51                       | FS CONT QSDI CS       | 15 | 16  | AUD-R1 CS             |
| 113-57                       | L FLT4 ERR            | 17 | 18  | AUD-R2 CS             |
| 113-53                       | EDIT PLD CS           | 19 | 20  | DSP-R READY           |
|                              | N.C                   | 21 | 22  | FS CONT-R CS          |
| 113-59                       | DSP-R1 CS             | 23 | 24  | DSP-R2 CS             |
| 113-61                       | L.DSP-R1 MUTE         | 25 | 26  | DSP-R1 XLAT           |
| 113-63                       | DSP-R2 XLAT           | 27 | 28  | SP S1-S2              |
| 113-65                       | L.DSP-R2 MUTE         | 29 | 30  | SP SCK-S2             |
| 113-67                       | SP S0-S2              | 31 | 32  | N.C                   |
| 113-69                       | DA-P1 XLAT            | 33 | 34  | N.C                   |
| 113-71                       | RC-P1 XLAT            | 35 | 36  | RC-P2 XLAT            |
| 113-73                       | DA-P2 XLAT            | 37 | 38  | DA IO                 |
| 115-25                       | JOG SPEED             | 39 | 40  | HEADPHONE CH-1 VR (X) |
| 701-6. 701-8. 701-10. 701-12 | HEADPHONE VR (G)      | 41 | 42  | HEADPHONE CH-2 VR (X) |
|                              | N.C                   | 43 | 44  | N.C                   |
|                              | N.C                   | 45 | 46  | SPCK3-P               |
|                              | N.C                   | 47 | 48  | N.C                   |
|                              | N.C                   | 49 | 50  | N.C                   |
|                              | N.C                   | 51 | 52  | N.C                   |
|                              | N.C                   | 53 | 54  | N.C                   |
| 702-3                        | AUDIO CH-1 VR RET (X) | 55 | 56  | AUDIO CH-1 VR RET (Y) |
|                              | GND                   | 57 | 58  | N.C                   |
|                              | N.C                   | 59 | 60  | N.C                   |
|                              | GND                   | 61 | 62  | N.C                   |
| 702-7                        | AUDIO CH-2 VR RET (X) | 63 | 64  | AUDIO CH-2 VR RET (Y) |
|                              | GND                   | 65 | 66  | N.C                   |
|                              | N.C                   | 67 | 68  | N.C                   |
|                              | GND                   | 69 | 70  | N.C                   |
| 702-11                       | AUDIO CH-3 VR RET (X) | 71 | 72  | AUDIO CH-3 VR RET (Y) |
|                              | GND                   | 73 | 74  | N.C                   |
|                              | GND                   | 75 | 76  | N.C                   |
|                              | GND                   | 77 | 78  | N.C                   |
| 702-15                       | AUDIO CH-4 VR RET (X) | 79 | 80  | AUDIO CH-4 VR RET (Y) |
|                              | GND                   | 81 | 82  | N.C                   |
|                              | N.C                   | 83 | 84  | N.C                   |
|                              | REG +3.15V            | 85 | 86  | REG +3.15V            |
|                              | REG +3.15V            | 87 | 88  | REG +3.15V            |
|                              | REG +5V               | 89 | 90  | REG +5V               |
|                              | REG +5V               | 91 | 92  | REG +5V               |
|                              | UNREG +6.8V           | 93 | 94  | UNREG +6.8V           |
|                              | UNREG +6.8V           | 95 | 96  | UNREG +6.8V           |
|                              | GND                   | 97 | 98  | GND                   |
|                              | GND                   | 99 | 100 | GND                   |

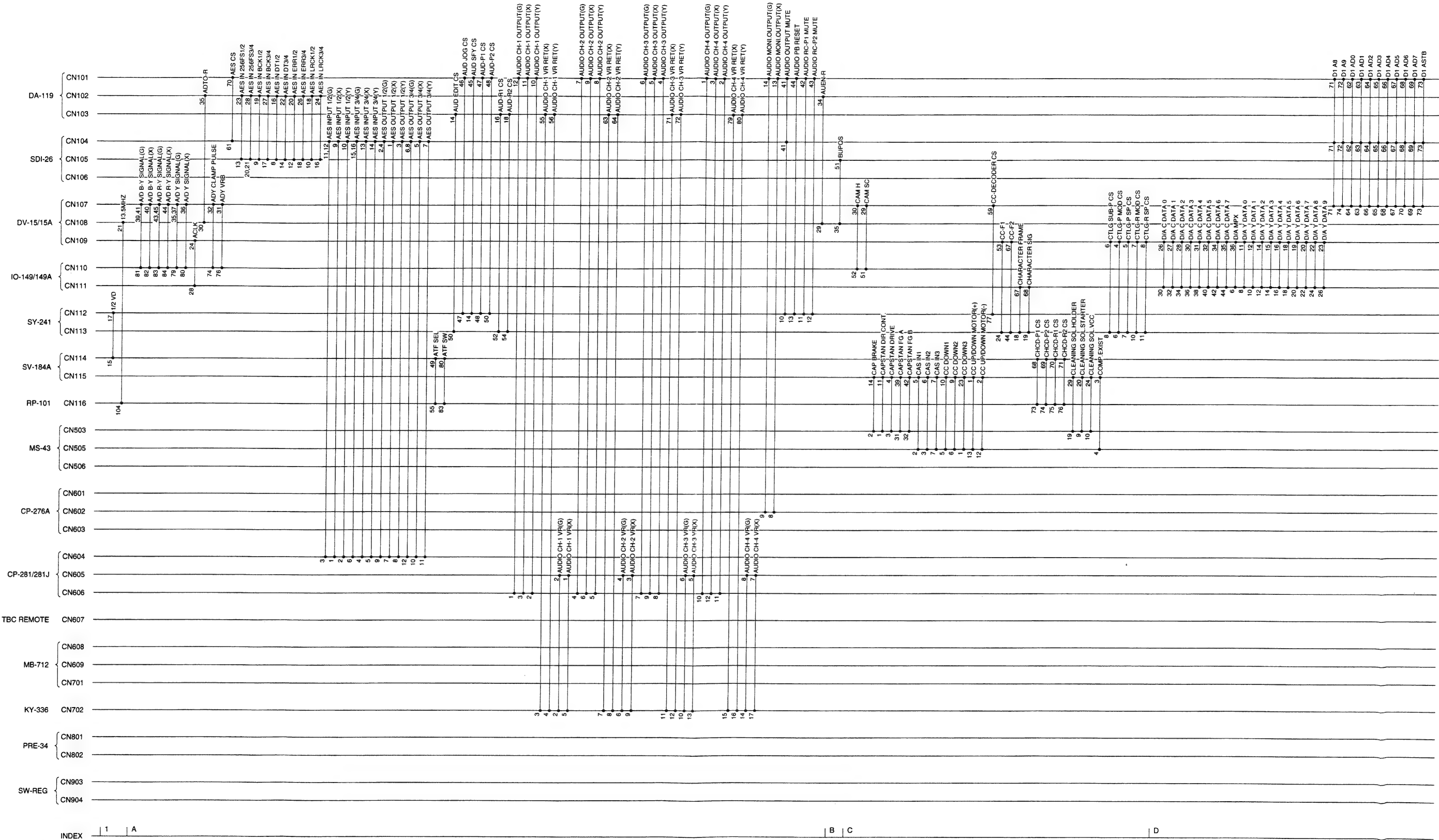
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2

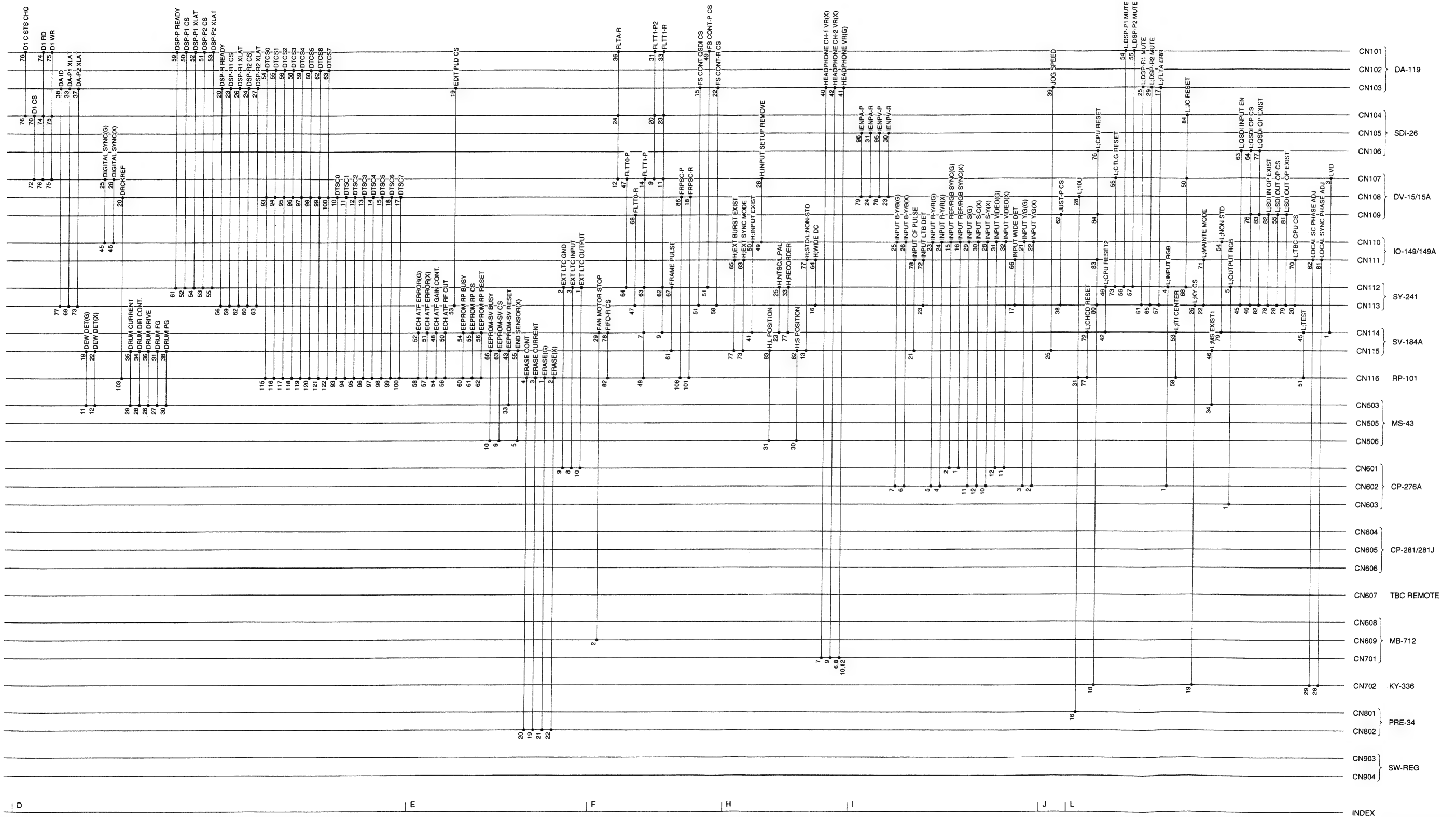
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4

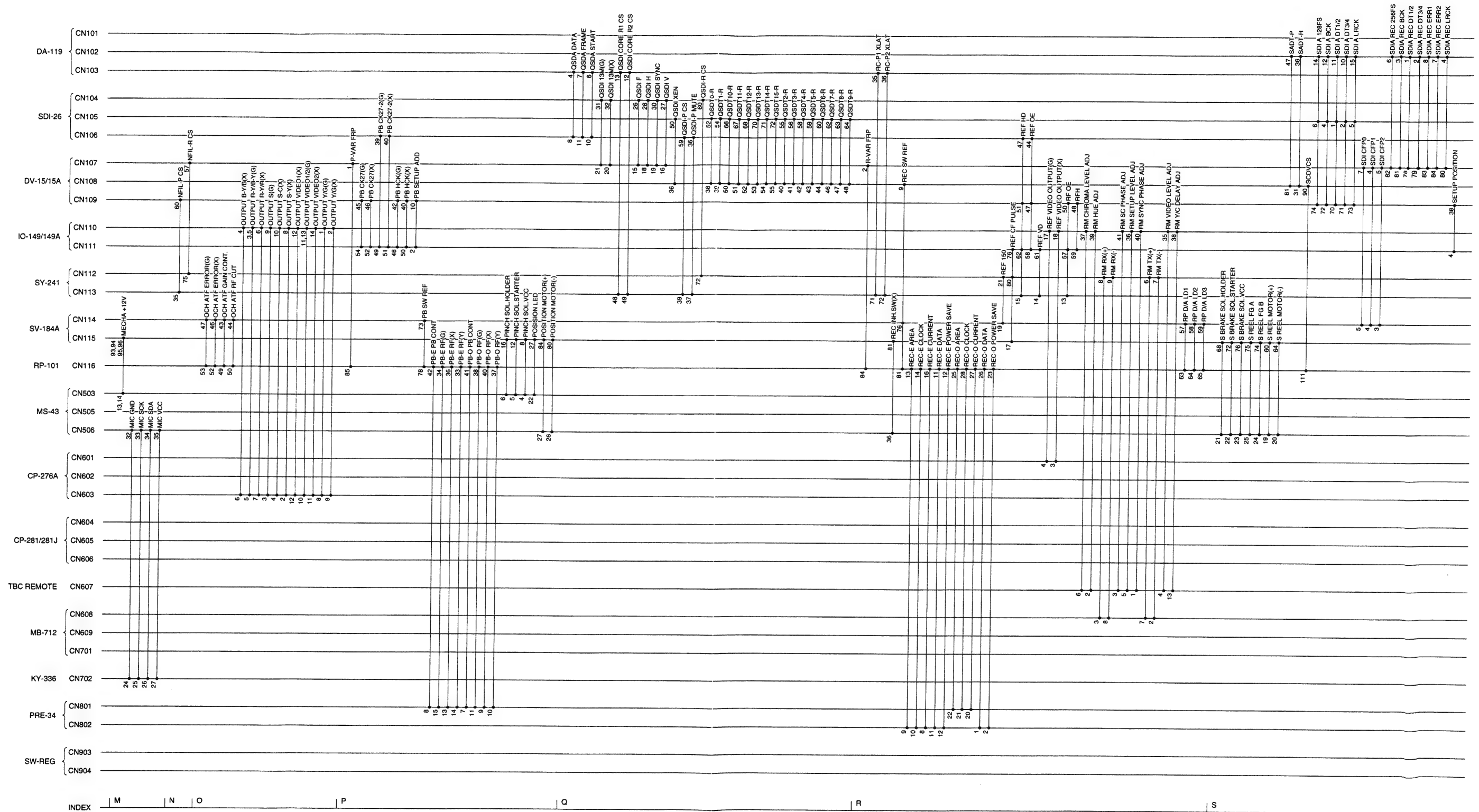
5

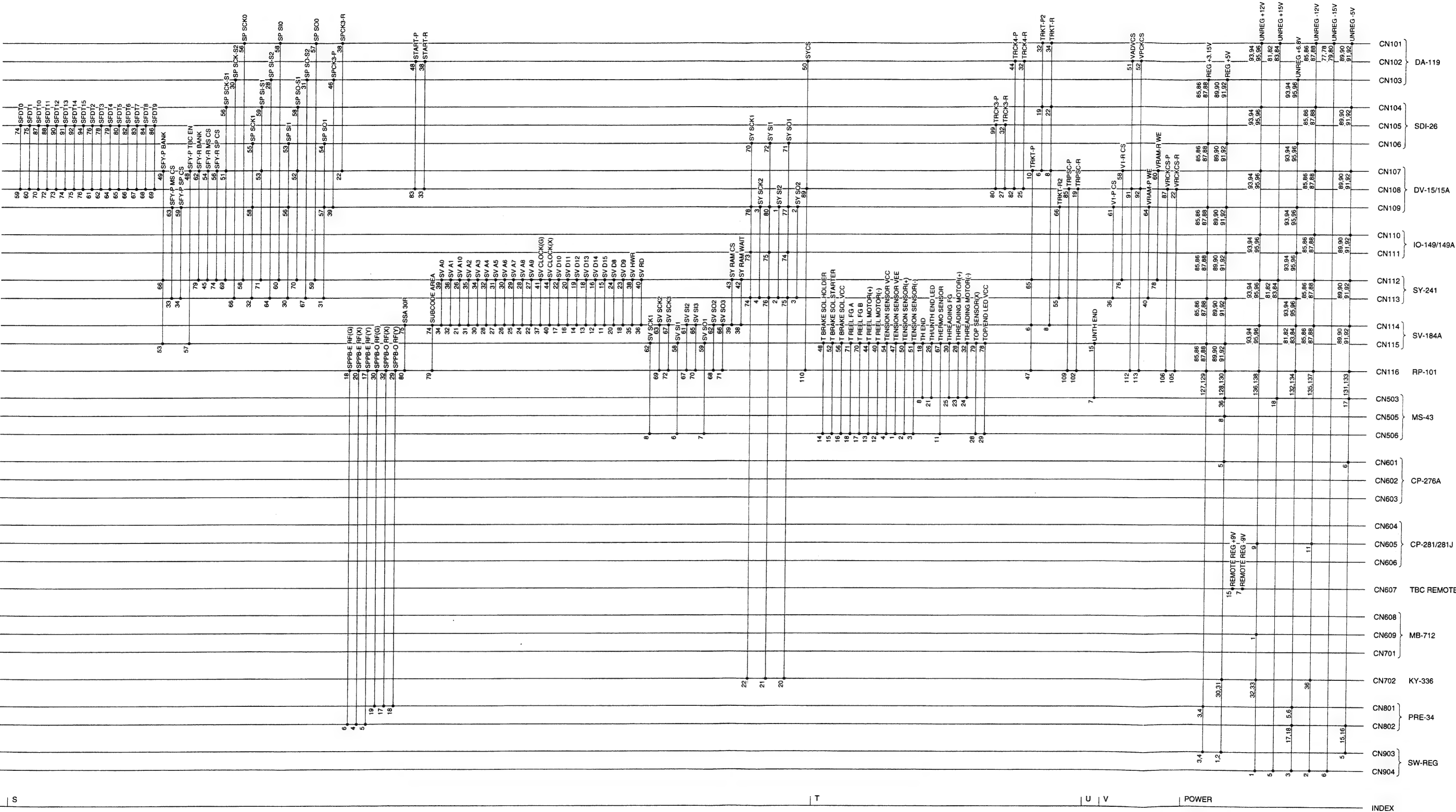






MB-712 (5/6)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P





MB-712 (6/6)  
BOARD SUFFIX : -13  
MODEL DSR-80/80P

10-149

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DV-15

| CN110          |                        |    |     |
|----------------|------------------------|----|-----|
| 603-8          | OUTPUT Y/G (G)         | 1  | 2   |
| 603-5, 110-5   | OUTPUT R-Y/B-Y (G)     | 3  | 4   |
| 603-5, 110-3   | OUTPUT R-Y/B-Y (G)     | 5  | 6   |
|                | GND                    | 7  | 8   |
| 603-3          | OUTPUT S (G)           | 9  | 10  |
| 603-10, 110-13 | OUTPUT VIDEO1/2 (G)    | 11 | 12  |
| 603-10, 110-11 | OUTPUT VIDEO1/2 (G)    | 13 | 14  |
| 601-2          | INPUT REF/RGB SYNC (G) | 15 | 16  |
| 601-4          | REF VIDEO OUTPUT (G)   | 17 | 18  |
|                | N.C.                   | 19 | 20  |
| 602-3          | INPUT Y/G (G)          | 21 | 22  |
| 602-5          | INPUT R-Y/R (G)        | 23 | 24  |
| 602-7          | INPUT B-Y/B (G)        | 25 | 26  |
|                | GND                    | 27 | 28  |
| 602-11         | INPUT S (G)            | 29 | 30  |
| 601-12         | INPUT VIDEO (G)        | 31 | 32  |
|                | GND                    | 33 | 34  |
| 607-4          | RM VIDEO LEVEL ADJ     | 35 | 36  |
| 607-6          | RM CHROMA LEVEL ADJ    | 37 | 38  |
| 607-2          | RM HUE ADJ             | 39 | 40  |
| 607-3          | RM SC PHASE ADJ        | 41 | 42  |
|                | N.C.                   | 43 | 44  |
| 107-25         | DIGITAL SYNC (G)       | 45 | 46  |
|                | N.C.                   | 47 | 48  |
| 107-28         | H. INPUT SETUP REMOVE  | 49 | 50  |
| 107-29         | CAM SC                 | 51 | 52  |
|                | N.C.                   | 53 | 54  |
|                | N.C.                   | 55 | 56  |
|                | N.C.                   | 57 | 58  |
|                | N.C.                   | 59 | 60  |
|                | N.C.                   | 61 | 62  |
|                | N.C.                   | 63 | 64  |
|                | N.C.                   | 65 | 66  |
|                | N.C.                   | 67 | 68  |
|                | N.C.                   | 69 | 70  |
|                | N.C.                   | 71 | 72  |
|                | GND                    | 73 | 74  |
|                | GND                    | 75 | 76  |
|                | GND                    | 77 | 78  |
| 107-35, 107-37 | A/D Y SIGNAL (G)       | 79 | 80  |
| 107-39, 107-41 | A/D B-Y SIGNAL (G)     | 81 | 82  |
| 107-43, 107-45 | A/D R-Y SIGNAL (G)     | 83 | 84  |
|                | UNREG -12V             | 85 | 86  |
|                | UNREG -12V             | 87 | 88  |
|                | UNREG -5V              | 89 | 90  |
|                | UNREG -5V              | 91 | 92  |
|                | UNREG +12V             | 93 | 94  |
|                | UNREG +12V             | 95 | 96  |
|                | GND                    | 97 | 98  |
|                | GND                    | 99 | 100 |

| CN111                          |                      |    |     |
|--------------------------------|----------------------|----|-----|
|                                | N.C.                 | 1  | 2   |
|                                | GND                  | 3  | 4   |
|                                | GND                  | 5  | 6   |
|                                | N.C.                 | 7  | 8   |
|                                | GND                  | 9  | 10  |
|                                | N.C.                 | 11 | 12  |
|                                | GND                  | 13 | 14  |
|                                | N.C.                 | 15 | 16  |
|                                | GND                  | 17 | 18  |
|                                | N.C.                 | 19 | 20  |
|                                | GND                  | 21 | 22  |
|                                | N.C.                 | 23 | 24  |
|                                | GND                  | 25 | 26  |
|                                | GND                  | 27 | 28  |
|                                | GND                  | 29 | 30  |
|                                | N.C.                 | 31 | 32  |
|                                | GND                  | 33 | 34  |
|                                | N.C.                 | 35 | 36  |
|                                | GND                  | 37 | 38  |
|                                | N.C.                 | 39 | 40  |
|                                | GND                  | 41 | 42  |
|                                | N.C.                 | 43 | 44  |
|                                | GND                  | 45 | 46  |
|                                | N.C.                 | 47 | 48  |
| 106-39                         | PB CK27-2 (G)        | 49 | 50  |
| 106-40                         | PB CK27-2 (X)        | 51 | 52  |
|                                | N.C.                 | 53 | 54  |
|                                | N.C.                 | 55 | 56  |
| 109-50, 113-13                 | RF OE                | 57 | 58  |
| 109-48                         | RFH                  | 59 | 60  |
| 113-14                         | REF VD               | 61 | 62  |
| 115-73                         | H. EXT SYNC MODE     | 63 | 64  |
| 115-77                         | H. EXT BURST EXIST   | 65 | 66  |
| 113-18                         | CHARACTER FRAME      | 67 | 68  |
|                                | GND                  | 69 | 70  |
| 113-22                         | L. MAINT. MODE       | 71 | 72  |
| 702-22, 109-78, 106-70, 113-74 | SY SCK1              | 73 | 74  |
| 702-21, 109-80, 106-72, 113-76 | SY S11               | 75 | 76  |
| 115-13                         | H. STD/L. NON-STD    | 77 | 78  |
|                                | GND                  | 79 | 80  |
| 702-28                         | LOCAL SYNC PHASE ADJ | 81 | 82  |
| 702-18, 109-84, 106-76, 113-80 | L. CPU RESET         | 83 | 84  |
|                                | REG +3.15V           | 85 | 86  |
|                                | REG +3.15V           | 87 | 88  |
|                                | REG +5V              | 89 | 90  |
|                                | REG +5V              | 91 | 92  |
|                                | UNREG +6.8V          | 93 | 94  |
|                                | UNREG +6.8V          | 95 | 96  |
|                                | GND                  | 97 | 98  |
|                                | GND                  | 99 | 100 |

| CN107                         |                    |    |     |
|-------------------------------|--------------------|----|-----|
| 116-85                        | P-VAR FRP          | 1  | 2   |
| 114-1                         | LVD                | 3  | 4   |
| 114-3                         | SDI CFP2           | 5  | 6   |
| 114-5                         | SDI CFP0           | 7  | 8   |
| 104-20, 101-31                | FLTT1-P2           | 9  | 10  |
| 104-23, 112-62, 114-9, 101-33 | FLTT1-R            | 11 | 12  |
|                               | GND                | 13 | 14  |
| 104-26                        | QSD1 F             | 15 | 16  |
|                               | N.C.               | 17 | 18  |
| 104-30                        | QSD1 SYNC          | 19 | 20  |
| 104-31                        | QSD1 13M (G)       | 21 | 22  |
|                               | N.C.               | 23 | 24  |
| 110-45                        | DIGITAL SYNC (G)   | 25 | 26  |
|                               | GND                | 27 | 28  |
| 110-51                        | CAM SC             | 29 | 30  |
| 110-76                        | ADY VRB            | 31 | 32  |
|                               | N.C.               | 33 | 34  |
| 110-79, 107-37                | A/D Y SIGNAL (G)   | 35 | 36  |
| 110-74, 107-35                | A/D Y SIGNAL (G)   | 37 | 38  |
| 110-81, 107-41                | A/D B-Y SIGNAL (G) | 39 | 40  |
| 110-81, 107-39                | A/D B-Y SIGNAL (G) | 41 | 42  |
| 110-83, 107-45                | A/D R-Y SIGNAL (G) | 43 | 44  |
| 110-83, 107-43                | A/D R-Y SIGNAL (G) | 45 | 46  |
| 112-64                        | FLTT0-P            | 47 | 48  |
| 112-66, 115-53                | SFY-P BANK         | 49 | 50  |
| 104-56, 112-69                | SP SCK-S1          | 51 | 52  |
| 104-59, 112-71                | SP S1-S1           | 53 | 54  |
| 112-73                        | L. CTLG RESET      | 55 | 56  |
| 112-75                        | NFIL-R CS          | 57 | 58  |
| 112-77                        | CC-DECODER CS      | 59 | 60  |
|                               | GND                | 61 | 62  |
| 104-63, 101-63                | D1 AD1             | 63 | 64  |
| 104-65, 101-65                | D1 AD3             | 65 | 66  |
| 104-67, 101-67                | D1 AD5             | 67 | 68  |
| 104-69, 101-69                | D1 AD7             | 69 | 70  |
| 104-71, 101-71                | D1 A8              | 71 | 72  |
| 104-73, 101-73                | D1 ASTB            | 73 | 74  |
| 104-75, 101-75                | D1 WR              | 75 | 76  |
|                               | GND                | 77 | 78  |
| 102-2                         | SDIA REC DT1/2     | 79 | 80  |
| 102-3                         | SDIA REC BCK       | 81 | 82  |
| 102-8                         | SDIA REC ERR1      | 83 | 84  |
|                               | UNREG -12V         | 85 | 86  |
|                               | UNREG -12V         | 87 | 88  |
|                               | UNREG -5V          | 89 | 90  |
|                               | UNREG -5V          | 91 | 92  |
|                               | UNREG +12V         | 93 | 94  |
|                               | UNREG +12V         | 95 | 96  |
|                               | GND                | 97 | 98  |
|                               | GND                | 99 | 100 |

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| CN601 |                        |
|-------|------------------------|
| 1     | INPUT REF/RGB SYNC (G) |
| 2     | INPUT REF/RGB SYNC (G) |
| 3     | REF VIDEO OUTPUT (X)   |
| 4     | REF VIDEO OUTPUT (G)   |
| 5     | REG +5V                |
| 6     | UNREG -5V              |
| 7     | GND                    |
| 8     | EXT LTC INPUT          |
| 9     | EXT LTC GND            |
| 10    | EXT LTC OUTPUT         |
| 11    | INPUT VIDEO (X)        |
| 12    | INPUT VIDEO (G)        |

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| CN602 |                       |
|-------|-----------------------|
| 1     | L. INPUT RGB          |
| 2     | INPUT Y/G (X)         |
| 3     | INPUT Y/G (G)         |
| 4     | INPUT R-Y/R (X)       |
| 5     | INPUT R-Y/R (G)       |
| 6     | INPUT B-Y/B (X)       |
| 7     | INPUT B-Y/B (G)       |
| 8     | AUDIO MONI OUTPUT (X) |
| 9     | AUDIO MONI OUTPUT (G) |
| 10    | INPUT S-Y (X)         |
| 11    | INPUT S (G)           |
| 12    | INPUT S-C (X)         |

CP-276

| CN603 |                     |
|-------|---------------------|
| 1     | L. OUTPUT RGB       |
| 2     | OUTPUT S-Y (X)      |
| 3     | OUTPUT S (G)        |
| 4     | OUTPUT S-C (X)      |
| 5     | OUTPUT R-Y/B-Y (G)  |
| 6     | OUTPUT B-Y/B (X)    |
| 7     | OUTPUT R-Y/R (X)    |
| 8     | OUTPUT Y/G (G)      |
| 9     | OUTPUT Y/G (X)      |
| 10    | OUTPUT VIDEO1/2 (G) |
| 11    | OUTPUT VIDEO2 (X)   |
| 12    | OUTPUT VIDEO1 (X)   |

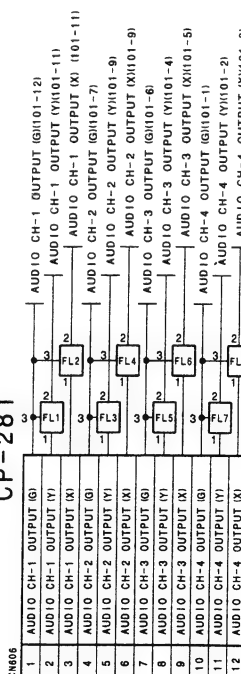
CP-281

| CN604 |                    |
|-------|--------------------|
| 1     | AES INPUT 1/2 (X)  |
| 2     | AES INPUT 1/2 (Y)  |
| 3     | AES INPUT 1/2 (G)  |
| 4     | AES INPUT 3/4 (X)  |
| 5     | AES INPUT 3/4 (Y)  |
| 6     | AES INPUT 3/4 (G)  |
| 7     | AES OUTPUT 1/2 (X) |
| 8     | AES OUTPUT 1/2 (Y) |
| 9     | AES OUTPUT 1/2 (G) |
| 10    | AES OUTPUT 3/4 (X) |
| 11    | AES OUTPUT 3/4 (Y) |
| 12    | AES OUTPUT 3/4 (G) |

CP-281

| CN605 |                   |
|-------|-------------------|
| 1     | AUDIO CH-1 VR (X) |
| 2     | AUDIO CH-1 VR (Y) |
| 3     | AUDIO CH-2 VR (X) |
| 4     | AUDIO CH-2 VR (Y) |
| 5     | AUDIO CH-3 VR (X) |
| 6     | AUDIO CH-3 VR (Y) |
| 7     | AUDIO CH-4 VR (X) |
| 8     | AUDIO CH-4 VR (Y) |
| 9     | UNREG +12V        |
| 10    | GND               |
| 11    | UNREG -12V        |
| 12    | N.C.              |

CP-281



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DV-15

| CN188           |            |    |     |
|-----------------|------------|----|-----|
|                 | N C        | 1  | 2   |
|                 | N C        | 3  | 4   |
|                 | N C        | 5  | 6   |
|                 | N C        | 7  | 8   |
| 116-81, 114-76  | REC SW REF | 9  | 10  |
| 116-94          | DTSC1      | 11 | 12  |
| 116-96          | DTSC3      | 13 | 14  |
| 116-98          | DTSC5      | 15 | 16  |
| 116-100         | DTSC7      | 17 | 18  |
| 116-102         | TRPSC-R    | 19 | 20  |
| 116-104         | 13 5MHZ    | 21 | 22  |
| 105-30          | IENPV-R    | 23 | 24  |
| 102-32          | TRCK4-R    | 25 | 26  |
| 105-32          | TRCK3-R    | 27 | 28  |
| 102-34          | AUEN-R     | 29 | 30  |
| 102-36          | SADT-R     | 31 | 32  |
| 102-38          | START-R    | 33 | 34  |
| 105-51          | BUPOS      | 35 | 36  |
|                 | GND        | 37 | 38  |
| 105-54          | QSDT1-R    | 39 | 40  |
| 105-56          | QSDT3-R    | 41 | 42  |
| 105-59          | QSDT5-R    | 43 | 44  |
| 105-61          | GND        | 45 | 46  |
| 105-63          | QSDT8-R    | 47 | 48  |
| 105-65          | GND        | 49 | 50  |
| 105-67          | QSDT11-R   | 51 | 52  |
| 105-70          | QSDT13-R   | 53 | 54  |
| 105-72          | QSDT15-R   | 55 | 56  |
| 105-73          | GND        | 57 | 58  |
| 105-74          | SFDT0      | 59 | 60  |
| 105-76          | SFDT2      | 61 | 62  |
| 105-77          | GND        | 63 | 64  |
| 105-80          | SFDT5      | 65 | 66  |
| 105-83          | SFDT7      | 67 | 68  |
| 105-86          | SFDT9      | 69 | 70  |
| 105-89          | GND        | 71 | 72  |
| 105-90          | SFDT12     | 73 | 74  |
| 105-92          | SFDT14     | 75 | 76  |
|                 | GND        | 77 | 78  |
| 105-96          | IENPA-P    | 79 | 80  |
| 102-47          | SADT-P     | 81 | 82  |
| 102-48          | START-P    | 83 | 84  |
| 116-109         | TRPSC-P    | 85 | 86  |
| 116-106         | VRCKCS-P   | 87 | 88  |
| 116-110, 102-50 | SYCS       | 89 | 90  |
| 116-112, 102-51 | VADVCS     | 91 | 92  |
| 116-115, 102-54 | DTCS0      | 93 | 94  |
| 116-117, 102-56 | DTCS2      | 95 | 96  |
| 116-119, 102-59 | DTCS4      | 97 | 98  |
| 116-121, 102-62 | DTCS6      | 99 | 100 |

DV-15

| CN109                          |                    |    |     |
|--------------------------------|--------------------|----|-----|
| 113-2                          | SY S12             | 1  | 2   |
| 113-4                          | SY SCK2            | 3  | 4   |
| 113-7                          | CTLG-P SP CS       | 5  | 6   |
| 113-10                         | CTLG-R MOD CS      | 7  | 8   |
|                                | GND                | 9  | 10  |
| 111-8                          | D/A Y DATA 0       | 11 | 12  |
|                                | GND                | 13 | 14  |
| 111-14                         | D/A Y DATA 3       | 15 | 16  |
|                                | GND                | 17 | 18  |
| 111-20                         | D/A Y DATA 6       | 19 | 20  |
|                                | GND                | 21 | 22  |
| 111-26                         | D/A Y DATA 9       | 23 | 24  |
|                                | GND                | 25 | 26  |
| 111-32                         | D/A C DATA 1       | 27 | 28  |
|                                | GND                | 29 | 30  |
| 111-38                         | D/A C DATA 4       | 31 | 32  |
|                                | GND                | 33 | 34  |
| 111-44                         | D/A C DATA 7       | 35 | 36  |
|                                | GND                | 37 | 38  |
| 103-46                         | SPCK3-P            | 39 | 40  |
|                                | N.C                | 41 | 42  |
|                                | N.C                | 43 | 44  |
| 111-54                         | PB CK27 (G)        | 45 | 46  |
| 106-44, 111-58                 | REF OE             | 47 | 48  |
|                                | N.C                | 49 | 50  |
| 106-47, 111-62, 113-15         | REF HD             | 51 | 52  |
| 113-24                         | CC-F1              | 53 | 54  |
| 113-28                         | L:SDI OUT OP CS    | 55 | 56  |
| 106-54, 113-31                 | SP S01             | 57 | 58  |
| 113-34                         | SFY-P SP CS        | 59 | 60  |
| 103-36                         | V1-P CS            | 61 | 62  |
| 113-33                         | SFY-P MS CS        | 63 | 64  |
|                                | N.C                | 65 | 66  |
| 113-44                         | CC-F2              | 67 | 68  |
|                                | N.C                | 69 | 70  |
| 102-16, 105-2                  | SDI A DT3/4        | 71 | 72  |
| 102-15, 105-5                  | SDI A LRCK         | 73 | 74  |
|                                | N.C                | 75 | 76  |
| 702-20, 106-71, 111-74, 113-75 | SY S01             | 77 | 78  |
|                                | N.C                | 79 | 80  |
| 113-79                         | L:SDI OUT OP EXIST | 81 | 82  |
| 106-77, 113-82                 | L:QSDI OP EXIST    | 83 | 84  |
|                                | REG +3.15V         | 85 | 86  |
|                                | REG +3.15V         | 87 | 88  |
|                                | REG +5V            | 89 | 90  |
|                                | REG +5V            | 91 | 92  |
|                                | UNREG +6.8V        | 93 | 94  |
|                                | UNREG +6.8V        | 95 | 96  |
|                                | GND                | 97 | 98  |
|                                | GND                | 99 | 100 |

MS-43

|    |                      |        |
|----|----------------------|--------|
| 1  | CAPSTAN DIR. CONT.   | 115-11 |
| 2  | CAP BRAKE            | 115-14 |
| 3  | CAPSTAN DRIVE        | 115-4  |
| 4  | PINCH SOL VCC        | 115-8  |
| 5  | PINCH SOL STARTER    | 115-12 |
| 6  | PINCH SOL HOLDER     | 115-16 |
| 7  | UNTH END             | 115-15 |
| 8  | TH END               | 115-18 |
| 9  | CLEANING SOL STARTER | 115-20 |
| 10 | CLEANING SOL VCC     | 115-24 |
| 11 | DEW DET (G)          | 115-19 |
| 12 | DEW DET (X)          | 115-22 |
| 13 | MECHA +12V           |        |
| 14 | GND                  |        |
| 15 | GND                  |        |
| 16 | UNREG -5V            |        |
| 17 | UNREG +15V           |        |
| 18 | CLEANING SOL HOLDER  | 115-29 |
| 19 | N.C                  |        |
| 20 | TH/UNTH END LED      | 115-26 |
| 21 | POSITION LED         | 115-27 |
| 22 | THREADING MOTOR (+)  | 115-28 |
| 23 | THREADING MOTOR (-)  | 115-32 |
| 24 | THREADING FG         | 115-30 |
| 25 | DRUM DRIVE           | 115-36 |
| 26 | DRUM FG              | 115-31 |
| 27 | DRUM DIR CONT        | 115-34 |
| 28 | DRUM CURRENT         | 115-35 |
| 29 | DRUM FG A            | 115-38 |
| 30 | CAPSTAN FG B         | 115-39 |
| 31 | EEPROM-SV RESET      | 115-42 |
| 32 | L:MS EXIST1          | 115-46 |
| 33 | GND                  |        |
| 34 | REG +5V              |        |
| 35 | GND                  |        |
| 36 | REG +5V              |        |

CC-75

|    |                      |        |
|----|----------------------|--------|
| 1  | CC DOWN3             | 115-23 |
| 2  | CAS IN1              | 115-5  |
| 3  | CAS IN2              | 115-6  |
| 4  | COMP EXIST           | 115-3  |
| 5  | CC DOWN1             | 115-10 |
| 6  | CC DOWN2             | 115-9  |
| 7  | CAS IN3              | 115-7  |
| 8  | REG +5V              |        |
| 9  | GND                  |        |
| 10 | N.C                  |        |
| 11 | N.C                  |        |
| 12 | CC UP/DOWN MOTOR (-) | 115-2  |
| 13 | CC UP/DOWN MOTOR (+) | 115-1  |

MS-43

|    |                     |        |
|----|---------------------|--------|
| 1  | TENSION SENSOR VEE  | 115-47 |
| 2  | TENSION SENSOR (+)  | 115-50 |
| 3  | TENSION SENSOR (-)  | 115-51 |
| 4  | TENSION SENSOR VCC  | 115-54 |
| 5  | END SENSOR (X)      | 115-55 |
| 6  | SV S11              | 115-58 |
| 7  | SV S01              | 115-59 |
| 8  | SV SCK1             | 115-62 |
| 9  | EEPROM-SV CS        | 115-63 |
| 10 | EEPROM-SV BUSY      | 115-66 |
| 11 | THERMO SENSOR       | 115-67 |
| 12 | T REEL MOTOR (-)    | 115-40 |
| 13 | T REEL MOTOR (+)    | 115-44 |
| 14 | T BRAKE SOL-HOLDER  | 115-48 |
| 15 | T BRAKE SOL STARTER | 115-52 |
| 16 | T BRAKE SOL VCC     | 115-56 |
| 17 | T REEL FG B         | 115-70 |
| 18 | T REEL FG A         | 115-71 |
| 19 | S REEL MOTOR (+)    | 115-60 |
| 20 | S REEL MOTOR (-)    | 115-64 |
| 21 | S BRAKE SOL-HOLDER  | 115-68 |
| 22 | S BRAKE SOL STARTER | 115-72 |
| 23 | S BRAKE SOL VCC     | 115-76 |
| 24 | S REEL FG B         | 115-74 |
| 25 | S REEL FG A         | 115-75 |
| 26 | POSITION MOTOR (-)  | 115-80 |
| 27 | POSITION MOTOR (+)  | 115-84 |
| 28 | TOP SENSOR (X)      | 115-79 |
| 29 | TOP/END LED VCC     | 115-78 |
| 30 | H:S POSITION        | 115-82 |
| 31 | H:L POSITION        | 115-83 |
| 32 | MIC GND             | 702-24 |
| 33 | MIC SCK             | 702-25 |
| 34 | MIC SDA             | 702-26 |
| 35 | MIC VCC             | 702-27 |
| 36 | REC INH SW (X)      | 115-81 |



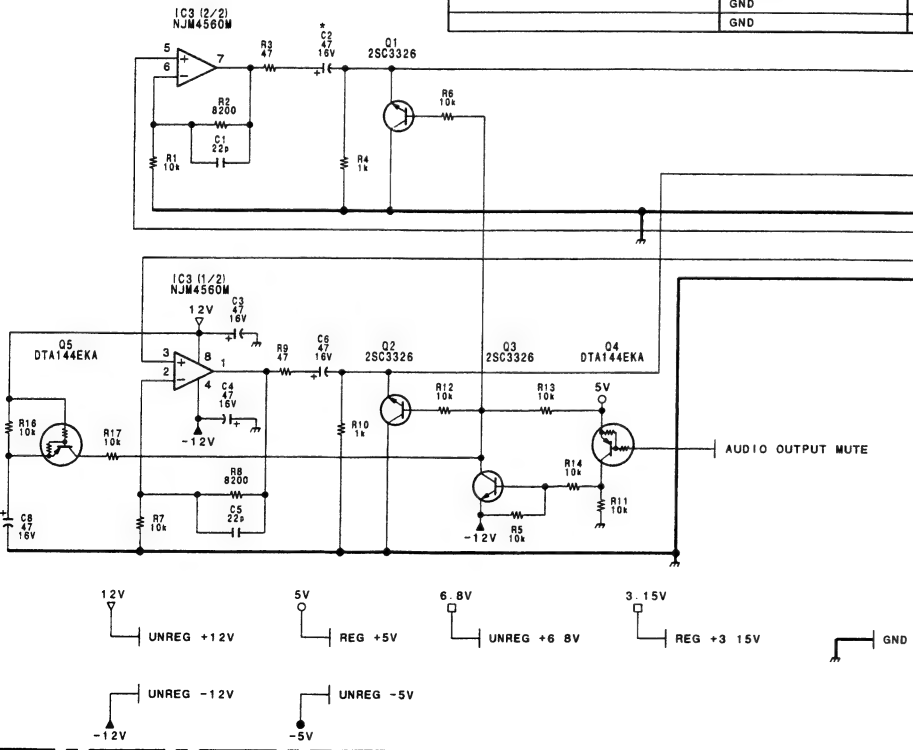
SDI-26

| CN104                         |                    |    |     |                    |
|-------------------------------|--------------------|----|-----|--------------------|
| 604-7                         | AES OUTPUT 1/2 (X) | 1  | 2   | AES OUTPUT 1/2 (G) |
| 604-8                         | AES OUTPUT 1/2 (Y) | 3  | 4   | AES OUTPUT 1/2 (G) |
| 604-10                        | AES OUTPUT 3/4 (X) | 5  | 6   | AES OUTPUT 3/4 (G) |
| 604-11                        | AES OUTPUT 3/4 (Y) | 7  | 8   | AES OUTPUT 3/4 (G) |
| 604-1                         | AES INPUT 1/2 (X)  | 9  | 10  | AES INPUT 1/2 (Y)  |
| 104-12, 604-3                 | AES INPUT 1/2 (G)  | 11 | 12  | AES INPUT 1/2 (G)  |
| 604-4                         | AES INPUT 3/4 (X)  | 13 | 14  | AES INPUT 3/4 (Y)  |
| 104-15, 604-6                 | AES INPUT 3/4 (G)  | 15 | 16  | AES INPUT 3/4 (G)  |
|                               | N.C                | 17 | 18  | N.C                |
| 101-32, 107-8                 | TRKT-P2            | 19 | 20  | FLTT1-P2           |
|                               | N.C                | 21 | 22  | TRKT-R             |
| 107-11, 112-62, 114-9, 101-33 | FLTT1-R            | 23 | 24  | FLTA-R             |
|                               | N.C                | 25 | 26  | OSDI F             |
| 107-16                        | OSDI V             | 27 | 28  | OSDI H             |
| GND                           |                    | 29 | 30  | OSDI SYNC          |
| 107-21                        | OSDI 13M (G)       | 31 | 32  | OSDI 13M (X)       |
|                               | N.C                | 33 | 34  | N.C                |
|                               | N.C                | 35 | 36  | N.C                |
|                               | N.C                | 37 | 38  | N.C                |
|                               | GND                | 39 | 40  | N.C                |
| 112-10, 101-41                | AUDIO OUTPUT MUTE  | 41 | 42  | N.C                |
|                               | N.C                | 43 | 44  | N.C                |
|                               | N.C                | 45 | 46  | N.C                |
|                               | N.C                | 47 | 48  | N.C                |
|                               | N.C                | 49 | 50  | N.C                |
|                               | N.C                | 51 | 52  | N.C                |
|                               | N.C                | 53 | 54  | N.C                |
|                               | N.C                | 55 | 56  | SP SCK-S1          |
|                               | GND                | 57 | 58  | SP SO-S1           |
| 107-53, 112-71                | SP SI-S1           | 59 | 60  | QSDI-R CS          |
| 101-70                        | AES CS             | 61 | 62  | D1 AD0             |
| 107-63, 101-63                | D1 AD1             | 63 | 64  | D1 AD2             |
| 107-65, 101-65                | D1 AD3             | 65 | 66  | D1 AD4             |
| 107-67, 101-67                | D1 AD5             | 67 | 68  | D1 AD6             |
| 107-69, 101-69                | D1 AD7             | 69 | 70  | D1 CS              |
| 107-71, 101-71                | D1 A8              | 71 | 72  | D1 A9              |
| 107-73, 101-73                | D1 ASTB            | 73 | 74  | D1 RD              |
| 107-75, 101-75                | D1 WR              | 75 | 76  | D1 C STS CHG       |
|                               | N.C                | 77 | 78  | N.C                |
|                               | N.C                | 79 | 80  | N.C                |
|                               | N.C                | 81 | 82  | N.C                |
|                               | N.C                | 83 | 84  | LJC RESET          |
|                               | UNREG -12V         | 85 | 86  | UNREG -12V         |
|                               | UNREG -12V         | 87 | 88  | UNREG -12V         |
|                               | UNREG -5V          | 89 | 90  | UNREG -5V          |
|                               | UNREG -5V          | 91 | 92  | UNREG -5V          |
|                               | UNREG +12V         | 93 | 94  | UNREG +12V         |
|                               | UNREG +12V         | 95 | 96  | UNREG +12V         |
|                               | GND                | 97 | 98  | GND                |
|                               | GND                | 99 | 100 | GND                |

SDI-26

| CN105          |                 |    |     |                 |
|----------------|-----------------|----|-----|-----------------|
| 109-70, 102-11 | SDI A DT1/2     | 1  | 2   | SDI A DT3/4     |
|                | N.C             | 3  | 4   | SDI A BCK       |
| 109-73, 102-15 | SDI A LRCK      | 5  | 6   | SDI A 128FS     |
|                | N.C             | 7  | 8   | AES IN DT1/2    |
| 102-19         | AES IN BCK1/2   | 9  | 10  | AES IN LRCK1/2  |
|                | N.C             | 11 | 12  | AES IN ERR1/2   |
| 102-23         | AES IN 256FS1/2 | 13 | 14  | AES IN DT3/4    |
|                | N.C             | 15 | 16  | AES IN LRCK3/4  |
| 102-27         | AES IN BCK3/4   | 17 | 18  | AES IN ERR3/4   |
|                | N.C             | 19 | 20  | AES IN 256FS3/4 |
| 105-20, 102-28 | AES IN 256FS3/4 | 21 | 22  | N.C             |
|                | N.C             | 23 | 24  | N.C             |
|                | N.C             | 25 | 26  | N.C             |
|                | N.C             | 27 | 28  | N.C             |
|                | GND             | 29 | 30  | IENPV-R         |
| 108-24         | IENPA-R         | 31 | 32  | TRCK3-R         |
|                | N.C             | 33 | 34  | N.C             |
|                | N.C             | 35 | 36  | N.C             |
|                | N.C             | 37 | 38  | N.C             |
|                | N.C             | 39 | 40  | N.C             |
|                | N.C             | 41 | 42  | N.C             |
|                | N.C             | 43 | 44  | N.C             |
|                | N.C             | 45 | 46  | N.C             |
|                | N.C             | 47 | 48  | N.C             |
|                | N.C             | 49 | 50  | OSDI XEN        |
| 108-35         | BUPOS           | 51 | 52  | QSDT0-R         |
|                | GND             | 53 | 54  | QSDT1-R         |
| 108-40         | QSDT2-R         | 55 | 56  | QSDT3-R         |
|                | GND             | 57 | 58  | QSDT4-R         |
| 108-43         | QSDT5-R         | 59 | 60  | QSDT6-R         |
|                | GND             | 61 | 62  | QSDT7-R         |
| 108-47         | QSDT8-R         | 63 | 64  | QSDT9-R         |
|                | GND             | 65 | 66  | QSDT10-R        |
| 108-51         | QSDT11-R        | 67 | 68  | QSDT12-R        |
|                | GND             | 69 | 70  | QSDT13-R        |
| 108-54         | QSDT14-R        | 71 | 72  | QSDT15-R        |
|                | GND             | 73 | 74  | SFDT0           |
| 108-60         | SFDT1           | 75 | 76  | SFDT2           |
|                | GND             | 77 | 78  | SFDT3           |
| 108-64         | SFDT4           | 79 | 80  | SFDT5           |
|                | GND             | 81 | 82  | SFDT6           |
| 108-67         | SFDT7           | 83 | 84  | SFDT8           |
|                | GND             | 85 | 86  | SFDT9           |
| 108-70         | SFDT10          | 87 | 88  | SFDT11          |
|                | GND             | 89 | 90  | SFDT12          |
| 108-74         | SFDT13          | 91 | 92  | SFDT14          |
|                | GND             | 93 | 94  | SFDT15          |
| 108-78         | IENPV-P         | 95 | 96  | IENPA-P         |
|                | GND             | 97 | 98  | N.C             |
| 108-80         | TRCK3-P         | 99 | 100 | GND             |

| REF NO | CHANGED INFORMATION | LOT NO |
|--------|---------------------|--------|
| C2.3   | 47→47 16V           | 701-   |



HP-73

| CN102 |                           |
|-------|---------------------------|
| 1     | HEADPHONE CH-1 OUT (X)    |
| 2     | HEADPHONE CH-1 OUT (Y)    |
| 3     | HEADPHONE CH-2 OUT (X)    |
| 4     | HEADPHONE CH-2 OUT (Y)    |
| 5     | HEADPHONE CH-1 RET VR (X) |
| 6     | HEADPHONE CH-1 RET VR (Y) |
| 7     | HEADPHONE CH-2 RET VR (X) |
| 8     | HEADPHONE CH-2 RET VR (Y) |
| 9     | HEADPHONE CH-1 VR (X)     |
| 10    | HEADPHONE CH-1 VR (Y)     |
| 11    | HEADPHONE CH-2 VR (X)     |
| 12    | HEADPHONE CH-2 VR (Y)     |
| 13    | HEADPHONE CH-1 VR (X)     |
| 14    | HEADPHONE CH-1 VR (Y)     |
| 15    | HEADPHONE CH-2 VR (X)     |
| 16    | HEADPHONE CH-2 VR (Y)     |
| 17    | L: CPU RESET              |
| 18    | L: KY CS                  |
| 19    | SY S01                    |
| 20    | SY S11                    |
| 21    | SY SCK1                   |
| 22    | N.C                       |
| 23    | MIC GND                   |
| 24    | MIC SCK                   |
| 25    | MIC SDA                   |
| 26    | MIC VCC                   |
| 27    | LOCAL SYNC PHASE ADJ      |
| 28    | LOCAL SC PHASE ADJ        |
| 29    | REG +5V                   |
| 30    | REG +12V                  |
| 31    | UNREG +12V                |
| 32    | UNREG +5V                 |
| 33    | GND                       |
| 34    | UNREG -12V                |

KY-336

| CN102 |                      |
|-------|----------------------|
| 1     | N.C                  |
| 2     | AUDIO CH-1 VR (G)    |
| 3     | AUDIO CH-1 VR (X)    |
| 4     | AUDIO CH-1 VR (Y)    |
| 5     | AUDIO CH-1 VR (X)    |
| 6     | AUDIO CH-1 VR (Y)    |
| 7     | AUDIO CH-2 VR (G)    |
| 8     | AUDIO CH-2 VR (X)    |
| 9     | AUDIO CH-2 VR (Y)    |
| 10    | AUDIO CH-2 VR (X)    |
| 11    | AUDIO CH-2 VR (Y)    |
| 12    | AUDIO CH-3 VR (G)    |
| 13    | AUDIO CH-3 VR (X)    |
| 14    | AUDIO CH-3 VR (Y)    |
| 15    | AUDIO CH-4 VR (G)    |
| 16    | AUDIO CH-4 VR (X)    |
| 17    | AUDIO CH-4 VR (Y)    |
| 18    | L: CPU RESET         |
| 19    | L: KY CS             |
| 20    | SY S01               |
| 21    | SY S11               |
| 22    | SY SCK1              |
| 23    | N.C                  |
| 24    | MIC GND              |
| 25    | MIC SCK              |
| 26    | MIC SDA              |
| 27    | MIC VCC              |
| 28    | LOCAL SYNC PHASE ADJ |
| 29    | LOCAL SC PHASE ADJ   |
| 30    | REG +5V              |
| 31    | REG +12V             |
| 32    | UNREG +12V           |
| 33    | UNREG +5V            |
| 34    | GND                  |
| 35    | UNREG -12V           |

SDI-26

| CN106                          |                 |    |     |
|--------------------------------|-----------------|----|-----|
|                                | N.C             | 1  | 2   |
|                                | N.C             | 3  | 4   |
|                                | GND             | 5  | 6   |
|                                | N.C             | 7  | 8   |
|                                | GND             | 9  | 10  |
| 103-7                          | QSDA FRAME      | 11 | 12  |
|                                | GND             | 13 | 14  |
|                                | N.C             | 15 | 16  |
|                                | GND             | 17 | 18  |
|                                | N.C             | 19 | 20  |
|                                | GND             | 21 | 22  |
|                                | N.C             | 23 | 24  |
|                                | GND             | 25 | 26  |
|                                | N.C             | 27 | 28  |
|                                | GND             | 29 | 30  |
|                                | N.C             | 31 | 32  |
|                                | N.C             | 33 | 34  |
|                                | N.C             | 35 | 36  |
|                                | N.C             | 37 | 38  |
| 111-49                         | PB CK27-2 (G)   | 39 | 40  |
|                                | N.C             | 41 | 42  |
|                                | N.C             | 43 | 44  |
|                                | N.C             | 45 | 46  |
| 109-51, 111-62, 113-15         | REF HD          | 47 | 48  |
|                                | N.C             | 49 | 50  |
|                                | N.C             | 51 | 52  |
| 109-56, 113-30                 | SP S11          | 53 | 54  |
| 109-58, 113-32                 | SP SCK1         | 55 | 56  |
|                                | N.C             | 57 | 58  |
| 113-39                         | QSD1-P CS       | 59 | 60  |
|                                | N.C             | 61 | 62  |
| 113-45                         | L:QSD1 INPUT EN | 63 | 64  |
|                                | N.C             | 65 | 66  |
|                                | N.C             | 67 | 68  |
|                                | N.C             | 69 | 70  |
| 702-20, 109-77, 111-74, 113-75 | SY S01          | 71 | 72  |
|                                | N.C             | 73 | 74  |
|                                | N.C             | 75 | 76  |
| 109-83, 113-82                 | L:QSD1 OP EXIST | 77 | 78  |
|                                | N.C             | 79 | 80  |
|                                | N.C             | 81 | 82  |
|                                | N.C             | 83 | 84  |
|                                | REG +3.15V      | 85 | 86  |
|                                | REG +3.15V      | 87 | 88  |
|                                | REG +5V         | 89 | 90  |
|                                | REG +5V         | 91 | 92  |
|                                | UNREG +6.8V     | 93 | 94  |
|                                | UNREG +6.8V     | 95 | 96  |
|                                | GND             | 97 | 98  |
|                                | GND             | 99 | 100 |

SY-241

| CN112                 |                  |    |     |
|-----------------------|------------------|----|-----|
| 601-10                | EXT LTC OUTPUT   | 1  | 2   |
| 601-8                 | EXT LTC INPUT    | 3  | 4   |
| 603-1                 | L:OUTPUT RGB     | 5  | 6   |
| 608-2                 | RM TX (-)        | 7  | 8   |
| 608-8                 | RM RX (-)        | 9  | 10  |
| 101-42                | AUDIO RC-P1 MUTE | 11 | 12  |
| 101-44                | AUDIO PB RESET   | 13 | 14  |
| 114-11                | SV D15           | 15 | 16  |
| 114-15                | 1/2 VD           | 17 | 18  |
| 114-14                | SV D12           | 19 | 20  |
| 114-19                | REF 150          | 21 | 22  |
| 114-18                | SV D9            | 23 | 24  |
| 114-23                | H:NTSC/L:PAL     | 25 | 26  |
| 114-22                | SV A9            | 27 | 28  |
| 114-25                | SV A7            | 29 | 30  |
| 114-27                | SV A5            | 31 | 32  |
| 114-77                | H:RECORDER       | 33 | 34  |
| 114-31                | SV A2            | 35 | 36  |
|                       | GND              | 37 | 38  |
| 114-34                | SV A0            | 39 | 40  |
| 114-37                | SV CLOCK (G)     | 41 | 42  |
| 114-39                | SV RAM CS        | 43 | 44  |
| 107-54                | SFY-R MS CS      | 45 | 46  |
| 101-46                | AUD JOG CS       | 47 | 48  |
|                       | N.C              | 49 | 50  |
| 101-49                | FS CONT-P CS     | 51 | 52  |
| 101-51                | DSP-P2 CS        | 53 | 54  |
| 101-53                | DSP-P2 XLAT      | 55 | 56  |
| 101-55                | L:DSP-P2 MUTE    | 57 | 58  |
| 101-57                | SP S00           | 59 | 60  |
| 101-59                | DSP-P READY      | 61 | 62  |
| 114-7, 107-14, 116-48 | FLTT1-P          | 63 | 64  |
| 114-6, 107-10, 116-47 | TRKT-P           | 65 | 66  |
| 115-61                | FRAME PULSE      | 67 | 68  |
| 107-51, 104-56        | SP SCK-S1        | 69 | 70  |
| 107-53, 104-59        | SP SI-S1         | 71 | 72  |
| 107-55                | L:CTLG RESET     | 73 | 74  |
| 107-57                | NFIL-R CS        | 75 | 76  |
| 107-59                | CC-DECODER CS    | 77 | 78  |
| 107-62                | SFY-R BANK       | 79 | 80  |
|                       | UNREG +15V       | 81 | 82  |
|                       | UNREG +15V       | 83 | 84  |
|                       | UNREG -12V       | 85 | 86  |
|                       | UNREG -12V       | 87 | 88  |
|                       | UNREG -5V        | 89 | 90  |
|                       | UNREG -5V        | 91 | 92  |
|                       | UNREG +12V       | 93 | 94  |
|                       | UNREG +12V       | 95 | 96  |
|                       | GND              | 97 | 98  |
|                       | GND              | 99 | 100 |

| CN607 |                     |
|-------|---------------------|
| 1     | RM SYNC PHASE ADJ   |
| 2     | RM HUE ADJ          |
| 3     | RM SC PHASE ADJ     |
| 4     | RM VIDEO LEVEL ADJ  |
| 5     | RM SETUP LEVEL ADJ  |
| 6     | RM CHROMA LEVEL ADJ |
| 7     | REMOTE REG -9V      |
| 8     | GND                 |
| 9     | GND                 |
| 10    | N.C                 |
| 11    | N.C                 |
| 12    | N.C                 |
| 13    | RM Y/C DELAY ADJ    |
| 14    | N.C                 |
| 15    | REMOTE REG +9V      |

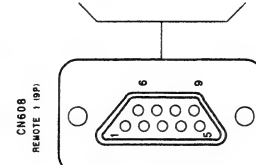
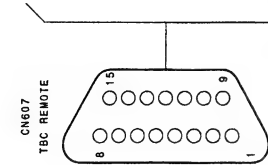
| CN608 |           |
|-------|-----------|
| 1     | GND       |
| 2     | RM TX (-) |
| 3     | RM RX (+) |
| 4     | GND       |
| 5     | N.C       |
| 6     | GND       |
| 7     | RM TX (+) |
| 8     | RM RX (-) |
| 9     | GND       |

| CN609 |                |
|-------|----------------|
| 1     | UNREG +12V     |
| 2     | FAN MOTOR STOP |
| 3     | GND            |

| CN703 |             |
|-------|-------------|
| 1     | REG +3.15V  |
| 2     | REG +5V     |
| 3     | UNREG +6.8V |
| 4     | UNREG +12V  |
| 5     | UNREG -12V  |
| 6     | UNREG +15V  |
| 7     | UNREG -15V  |
| 8     | UNREG -5V   |
| 9     | GND         |
| 10    | GND         |

| CN803 |            |
|-------|------------|
| 1     | REG +5V    |
| 2     | REG +5V    |
| 3     | REG +3.15V |
| 4     | REG +3.15V |
| 5     | UNREG -5V  |
| 6     | GND        |
| 7     | GND        |
| 8     | GND        |

| CN804 |             |
|-------|-------------|
| 1     | UNREG +12V  |
| 2     | UNREG -12V  |
| 3     | UNREG +6.8V |
| 4     | GND         |
| 5     | UNREG +15V  |
| 6     | UNREG -15V  |



## SY-241

| CN113              |    |     |                   |                                |
|--------------------|----|-----|-------------------|--------------------------------|
| N.C.               | 1  | 2   | SY S12            | 109-1                          |
| SY S02             | 3  | 4   | SY SCK2           | 109-3                          |
| N.C.               | 5  | 6   | CTLG-P MOD CS     | 109-4                          |
| CTLG-P SP CS       | 7  | 8   | CTLG SUB-P CS     | 109-6                          |
| N.C.               | 9  | 10  | CTLG-R MOD CS     | 109-7                          |
| CTLG-R SP CS       | 11 | 12  | N.C.              |                                |
| RF OE              | 13 | 14  | REF V0            | 111-61                         |
| REF HD             | 15 | 16  | H.WIDE DC         | 111-64                         |
| INPUT WIDE DET     | 17 | 18  | CHARACTER FRAME   | 111-67                         |
| CHARACTER SIG      | 19 | 20  | L.TBC CPU CS      | 111-70                         |
| N.C.               | 21 | 22  | L.MAINT MODE      | 111-71                         |
| INPUT LTB DET      | 23 | 24  | CC-F1             | 109-53                         |
| N.C.               | 25 | 26  | L.KY CS           | 702-19                         |
| N.C.               | 27 | 28  | L.SDI OUT OP CS   | 109-55                         |
| N.C.               | 29 | 30  | SP S11            | 109-56, 106-53                 |
| SP S01             | 31 | 32  | SP SCK1           | 109-58, 106-55                 |
| SFY-P MS CS        | 33 | 34  | SFY-P SP CS       | 109-59                         |
| NFIL-P CS          | 35 | 36  | V1-P CS           | 109-61                         |
| OSDI-P MUTE        | 37 | 38  | JUST-P CS         | 109-62                         |
| OSDI-P CS          | 39 | 40  | VRAM-P WE         | 109-64                         |
| N.C.               | 41 | 42  | N.C.              |                                |
| N.C.               | 43 | 44  | CC-F2             | 109-67                         |
| L.OSDI INPUT EN    | 45 | 46  | L.OSDI OP CS      | 109-76, 106-64                 |
| FLTT0-R            | 47 | 48  | OSDI CORE R1 CS   | 103-13                         |
| OSDI CORE R2 CS    | 49 | 50  | AUD EDIT CS       | 103-14                         |
| FS CONT OSDI CS    | 51 | 52  | AUD-R1 CS         | 103-16                         |
| EDIT PLD CS        | 53 | 54  | AUD-R2 CS         | 103-18                         |
| TRKT-R2            | 55 | 56  | DSP-R READY       | 103-20                         |
| L.FLTA ERR         | 57 | 58  | FS CONT-R CS      | 103-22                         |
| DSP-R1 CS          | 59 | 60  | DSP-R2 CS         | 103-24                         |
| L.DSP-R1 MUTE      | 61 | 62  | DSP-R1 XLAT       | 103-26                         |
| DSP-R2 XLAT        | 63 | 64  | SP S1-S2          | 103-28                         |
| L.DSP-R2 MUTE      | 65 | 66  | SP SCK-S2         | 103-30                         |
| SP S0-S2           | 67 | 68  | N.C.              |                                |
| DA-P1 XLAT         | 69 | 70  | N.C.              |                                |
| RC-P1 XLAT         | 71 | 72  | RC-P2 XLAT        | 103-36                         |
| DA-P2 XLAT         | 73 | 74  | SY SCK1           | 702-22, 109-78, 106-70, 111-73 |
| SY S01             | 75 | 76  | SY S11            | 702-21, 109-80, 106-72, 111-75 |
| DA ID              | 77 | 78  | L.SDI IN OP EXIST | 109-82                         |
| L.SDI OUT OP EXIST | 79 | 80  | L.CPU RESET       | 702-18, 109-84, 106-76, 111-83 |
| N.C.               | 81 | 82  | L.OSDI OP EXIST   | 109-83, 106-77                 |
| N.C.               | 83 | 84  | GND               |                                |
| REG +3.15V         | 85 | 86  | REG +3.15V        |                                |
| REG +3.15V         | 87 | 88  | REG +3.15V        |                                |
| REG +5V            | 89 | 90  | REG +5V           |                                |
| REG +5V            | 91 | 92  | REG +5V           |                                |
| UNREG +6.8V        | 93 | 94  | UNREG +6.8V       |                                |
| UNREG +6.8V        | 95 | 96  | UNREG +6.8V       |                                |
| GND                | 97 | 98  | GND               |                                |
| GND                | 99 | 100 | GND               |                                |

## SV-184

| CN114              |    |     |                    |                        |
|--------------------|----|-----|--------------------|------------------------|
| LVD                | 1  | 2   | N.C.               |                        |
| SDI CFP2           | 3  | 4   | SDI CFP1           | 107-4                  |
| SDI CFP0           | 5  | 6   | TRKT-P             | 112-65, 107-10, 116-47 |
| FLTT1-P            | 7  | 8   | TRKT-R             | 107-8, 104-22, 101-34  |
| FLTT1-R            | 9  | 10  | N.C.               |                        |
| SV D15             | 11 | 12  | SV D14             | 112-16                 |
| SV D13             | 13 | 14  | SV D12             | 112-19                 |
| 1/2 VD             | 15 | 16  | SV D11             | 112-20                 |
| SV D10             | 17 | 18  | SV D9              | 112-23                 |
| REF 150            | 19 | 20  | SV D8              | 112-24                 |
| SV A10             | 21 | 22  | SV A9              | 112-27                 |
| H.NTSC/L.PAL       | 23 | 24  | SV A8              | 112-28                 |
| SV A7              | 25 | 26  | SV A6              | 112-30                 |
| SV A5              | 27 | 28  | SV A4              | 112-32                 |
| FAN MOTOR STOP     | 29 | 30  | SV A3              | 112-34                 |
| SV A2              | 31 | 32  | SV A1              | 112-36                 |
| GND                | 33 | 34  | SV A0              | 112-39                 |
| SV HWR             | 35 | 36  | SV R0              | 112-40                 |
| SV CLOCK (G)       | 37 | 38  | SV RAM WAIT        | 112-42                 |
| SV RAM CS          | 39 | 40  | SV CLOCK (X)       | 112-44                 |
| H.INPUT EXIST      | 41 | 42  | L.CPU RESET2       | 112-46                 |
| OCH ATF GAIN CONT. | 43 | 44  | OCH ATF RF CUT     | 116-50                 |
| L.TEST             | 45 | 46  | OCH ATF ERROR (X)  | 116-52                 |
| OCH ATF ERROR (G)  | 47 | 48  | OCH ATF GAIN CONT. | 116-54                 |
| ATF SEL            | 49 | 50  | ECH ATF RF CUT     | 116-56                 |
| ECH ATF ERROR (X)  | 51 | 52  | ECH ATF ERROR (G)  | 116-58                 |
| L.IT1 CENTER       | 53 | 54  | EEPROM RP BUSY     | 116-60                 |
| EEPROM RP CS       | 55 | 56  | EEPROM RP RESET    | 116-62                 |
| RP D/A LD1         | 57 | 58  | RP D/A LD2         | 116-64                 |
| RP D/A LD3         | 59 | 60  | N.C.               |                        |
| SV S12             | 61 | 62  | SV S02             | 116-68                 |
| SV SCK2            | 63 | 64  | N.C.               |                        |
| SV S13             | 65 | 66  | SV S03             | 116-71                 |
| SV SCK3            | 67 | 68  | CHCD-P1 CS         | 116-73                 |
| CHCD-P2 CS         | 69 | 70  | CHCD-R1 CS         | 116-75                 |
| CHCD-R2 CS         | 71 | 72  | L.CHCD RESET       | 116-77                 |
| PB SW REF          | 73 | 74  | SUBCODE AREA       | 116-79                 |
| SSA 30R            | 75 | 76  | REC SW REF         | 116-81, 108-9          |
| H.RECORDER         | 77 | 78  | FIFO-R CS          | 116-82                 |
| L.NON STD          | 79 | 80  | ATF SW             | 116-83                 |
| UNREG +6.8V        | 81 | 82  | UNREG +6.8V        |                        |
| UNREG +6.8V        | 83 | 84  | UNREG +6.8V        |                        |
| UNREG -12V         | 85 | 86  | UNREG -12V         |                        |
| UNREG -12V         | 87 | 88  | UNREG -12V         |                        |
| UNREG -5V          | 89 | 90  | UNREG -5V          |                        |
| UNREG -5V          | 91 | 92  | UNREG -5V          |                        |
| UNREG +12V         | 93 | 94  | UNREG +12V         |                        |
| UNREG +12V         | 95 | 96  | UNREG +12V         |                        |
| GND                | 97 | 98  | GND                |                        |
| GND                | 99 | 100 | GND                |                        |

## SV-184

| CN115                |    |     |                      |        |
|----------------------|----|-----|----------------------|--------|
| CC UP/DOWN MOTOR (+) | 1  | 2   | CC UP/DOWN MOTOR (-) | 505-12 |
| COMP EXIST           | 3  | 4   | CAPSTAN DRIVE        | 503-3  |
| CAS IN1              | 5  | 6   | CAS IN2              | 503-3  |
| CAS IN3              | 7  | 8   | PINCH SOL VCC        | 503-4  |
| CC DOWN2             | 9  | 10  | CC DOWN1             | 505-5  |
| CAPSTAN DIR CONT.    | 11 | 12  | PINCH SOL STARTER    | 503-5  |
| H.STD/L.NON-STD      | 13 | 14  | CAP BRAKE            | 503-2  |
| UNTH END             | 15 | 16  | PINCH SOL HOLDER     | 503-6  |
| REF CF PULSE         | 17 | 18  | TH END               | 503-8  |
| DEW DET (G)          | 19 | 20  | CLEANING SOL STARTER | 503-9  |
| INPUT CF PULSE       | 21 | 22  | DEW DET (X)          | 503-12 |
| CC DOWN3             | 23 | 24  | CLEANING SOL VCC     | 503-10 |
| JOG SPEED            | 25 | 26  | TH/UNTH END LED      | 503-21 |
| POSITION LED         | 27 | 28  | THREADING MOTOR (+)  | 503-23 |
| CLEANING SOL HOLDER  | 29 | 30  | THREADING FG         | 503-25 |
| DRUM FG              | 31 | 32  | THREADING MOTOR (-)  | 503-24 |
| N.C.                 | 33 | 34  | DRUM DIR CONT.       | 503-28 |
| DRUM CURRENT         | 35 | 36  | DRUM DRIVE           | 503-26 |
| N.C.                 | 37 | 38  | DRUM PG              | 503-30 |
| CAPSTAN FG A         | 39 | 40  | T REEL MOTOR (-)     | 506-12 |
| N.C.                 | 41 | 42  | CAPSTAN FG B         | 503-32 |
| EEPROM-SV RESET      | 43 | 44  | T REEL MOTOR (+)     | 506-13 |
| N.C.                 | 45 | 46  | L.MS EXIST1          | 503-34 |
| TENSION SENSOR VEE   | 47 | 48  | T BRAKE SOL HOLDER   | 506-14 |
| N.C.                 | 49 | 50  | TENSION SENSOR (+)   | 506-2  |
| TENSION SENSOR (-)   | 51 | 52  | T BRAKE SOL STARTER  | 506-15 |
| SFY-P BANK           | 53 | 54  | TENSION SENSOR VCC   | 506-4  |
| END SENSOR (X)       | 55 | 56  | T BRAKE SOL VCC      | 506-16 |
| SFY-P TBC EN         | 57 | 58  | SV S11               | 506-6  |
| SV S01               | 59 | 60  | S REEL MOTOR (+)     | 506-19 |
| FRAME PULSE          | 61 | 62  | SV SCK1              | 506-8  |
| EEPROM-SV CS         | 63 | 64  | S REEL MOTOR (-)     | 506-20 |
| N.C.                 | 65 | 66  | EEPROM-SV BUSY       | 506-10 |
| THERMO SENSOR        | 67 | 68  | S BRAKE SOL HOLDER   | 506-21 |
| N.C.                 | 69 | 70  | T REEL FG B          | 506-17 |
| T REEL FG A          | 71 | 72  | S BRAKE SOL STARTER  | 506-22 |
| H.EXT SYNC MODE      | 73 | 74  | S REEL FG B          | 506-24 |
| S REEL FG A          | 75 | 76  | S BRAKE SOL VCC      | 506-23 |
| H.EXT BURST EXIST    | 77 | 78  | TOP/END LED VCC      | 506-29 |
| TOP SENSOR (X)       | 79 | 80  | POSITION MOTOR (-)   | 506-26 |
| REC INH SW (X)       | 81 | 82  | H.S POSITION         | 506-30 |
| H.L POSITION         | 83 | 84  | POSITION MOTOR (+)   | 506-27 |
| REG +3.15V           | 85 | 86  | REG +3.15V           |        |
| REG +3.15V           | 87 | 88  | REG +3.15V           |        |
| REG +5V              | 89 | 90  | REG +5V              |        |
| REG +5V              | 91 | 92  | REG +5V              |        |
| MECHA +12V           | 93 | 94  | MECHA +12V           |        |
| MECHA +12V           | 95 | 96  | MECHA +12V           |        |
| GND                  | 97 | 98  | GND                  |        |
| GND                  | 99 | 100 | GND                  |        |

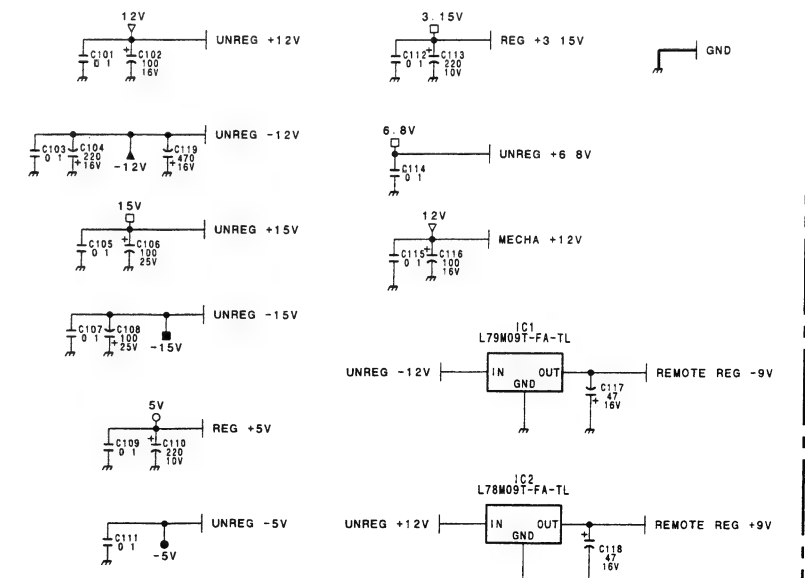
## PRE-34

| CN801         |    |    |               |        |
|---------------|----|----|---------------|--------|
| GND           | 1  | 2  | GND           |        |
| REG +3.15V    | 3  | 4  | REG +3.15V    |        |
| UNREG +6.8V   | 5  | 6  | UNREG +6.8V   |        |
| PB-O PB CONT  | 7  | 8  | PB-E PB CONT  | 116-42 |
| PB-O RF (X)   | 9  | 10 | PB-O RF (Y)   | 116-37 |
| PB-O RF (G)   | 11 | 12 | GND           | 116-35 |
| PB-E RF (X)   | 13 | 14 | PB-E RF (Y)   | 116-33 |
| PB-E RF (G)   | 15 | 16 | L.10U         | 116-31 |
| SPPB-O RF (X) | 17 | 18 | SPPB-O RF (Y) | 116-29 |
| SPPB-O RF (G) | 19 | 20 | REC-O CURRENT | 116-27 |
| REC-O CLOCK   | 21 | 22 | REC-O AREA    | 116-25 |

## PRE-34

| CN802         |    |    |                  |        |
|---------------|----|----|------------------|--------|
| REC-O DATA    | 1  | 2  | REC-O POWER SAVE | 116-23 |
| GND           | 3  | 4  | SPPB-E RF (X)    | 116-20 |
| SPPB-E RF (Y) | 5  | 6  | SPPB-E RF (G)    | 116-18 |
| GND           | 7  | 8  | REC-E CURRENT    | 116-16 |
| REC-E AREA    | 9  | 10 | REC-E CLOCK      | 116-14 |
| REC-E DATA    | 11 | 12 | REC-E POWER SAVE | 116-12 |
| GND           | 13 | 14 | GND              |        |
| UNREG -5V     | 15 | 16 | UNREG -5V        |        |
| UNREG +6.8V   | 17 | 18 | UNREG +6.8V      |        |
| ERASE CURRENT | 19 | 20 | ERASE CONT       | 116-4  |
| ERASE (G)     | 21 | 22 | ERASE (X)        | 116-2  |

| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| C104    | 100 → 220 16V       | 701-    |
| C119    | ADDED               |         |



RP-101

| CN116                 |                    |     |     |
|-----------------------|--------------------|-----|-----|
| 802-21                | ERASE (G)          | 1   | 2   |
| 802-19                | ERASE CURRENT      | 3   | 4   |
|                       | GND                | 5   | 6   |
|                       | GND                | 7   | 8   |
|                       | GND                | 9   | 10  |
| 802-11                | REC-E DATA         | 11  | 12  |
| 802-9                 | REC-E AREA         | 13  | 14  |
| 802-7                 | GND                | 15  | 16  |
| 802-5                 | SPPB-E RF (Y)      | 17  | 18  |
|                       | GND                | 19  | 20  |
|                       | N.C.               | 21  | 22  |
| 802-2                 | REC-O POWER SAVE   | 23  | 24  |
| 801-22                | REC-O AREA         | 25  | 26  |
| 801-20                | REC-O CURRENT      | 27  | 28  |
| 801-18                | SPPB-O RF (Y)      | 29  | 30  |
| 801-16, 108-28        | L:10U              | 31  | 32  |
| 801-14                | PB-E RF (Y)        | 33  | 34  |
|                       | GND                | 35  | 36  |
| 801-10                | PB-O RF (Y)        | 37  | 38  |
|                       | GND                | 39  | 40  |
| 801-7                 | PB-O PB CONT       | 41  | 42  |
|                       | GND                | 43  | 44  |
|                       | N.C.               | 45  | 46  |
| 112-65, 114-6, 107-10 | TRKT-P             | 47  | 48  |
| 114-43                | OCH ATF GAIN CONT. | 49  | 50  |
| 114-45                | L:TEST             | 51  | 52  |
| 114-47                | OCH ATF ERROR (G)  | 53  | 54  |
| 114-49                | ATF SEL            | 55  | 56  |
| 114-51                | ECH ATF ERROR (X)  | 57  | 58  |
| 114-53                | L:11T1 CENTER      | 59  | 60  |
| 114-55                | EEPROM RP CS       | 61  | 62  |
| 114-57                | RP D/A LD1         | 63  | 64  |
| 114-59                | RP D/A LD3         | 65  | 66  |
| 114-61                | SV S12             | 67  | 68  |
| 114-63                | SV SCK2            | 69  | 70  |
| 114-66                | SV S03             | 71  | 72  |
| 114-68                | CHCD-P1 CS         | 73  | 74  |
| 114-70                | CHCD-R1 CS         | 75  | 76  |
| 114-72                | L:CHCD RESET       | 77  | 78  |
| 114-74                | SUBCODE AREA       | 79  | 80  |
| 114-76, 108-9         | REC SW REF         | 81  | 82  |
| 114-80                | ATF SW             | 83  | 84  |
| 107-1                 | P-VAR FRP          | 85  | 86  |
|                       | GND                | 87  | 88  |
|                       | GND                | 89  | 90  |
|                       | GND                | 91  | 92  |
| 108-10                | DTSC0              | 93  | 94  |
| 108-12                | DTSC2              | 95  | 96  |
| 108-14                | DTSC4              | 97  | 98  |
| 108-16                | DTSC6              | 99  | 100 |
| 108-18                | FRPSC-R            | 101 | 102 |
| 108-20                | DRCKREF            | 103 | 104 |
| 108-22                | VRCKCS-R           | 105 | 106 |
|                       | N.C.               | 107 | 108 |
| 108-85                | TRPSC-P            | 109 | 110 |
| 108-90                | SCDVCS             | 111 | 112 |
| 108-92, 102-52        | VPCKCS             | 113 | 114 |
| 108-93, 102-54        | DTCS0              | 115 | 116 |
| 108-95, 102-56        | DTCS2              | 117 | 118 |
| 108-97, 102-59        | DTCS4              | 119 | 120 |
| 108-99, 102-62        | DTCS6              | 121 | 122 |
|                       | GND                | 123 | 124 |
|                       | GND                | 125 | 126 |
|                       | REG +3.15V         | 127 | 128 |
|                       | REG +3.15V         | 129 | 130 |
|                       | UNREG -5V          | 131 | 132 |
|                       | UNREG -5V          | 133 | 134 |
|                       | UNREG -12V         | 135 | 136 |
|                       | UNREG -12V         | 137 | 138 |
|                       | GND                | 139 | 140 |
|                       | GND                | 141 | 142 |
|                       | GND                | 143 | 144 |
|                       | GND                | 145 | 146 |
|                       | GND                | 147 | 148 |

DA-119

| CN101                         |                        |    |     |
|-------------------------------|------------------------|----|-----|
| 606-10                        | AUDIO CH-4 OUTPUT (G)  | 1  | 2   |
| 606-12                        | AUDIO CH-4 OUTPUT (X)  | 3  | 4   |
| 606-9                         | AUDIO CH-3 OUTPUT (X)  | 5  | 6   |
| 606-4                         | AUDIO CH-2 OUTPUT (G)  | 7  | 8   |
| 606-6                         | AUDIO CH-2 OUTPUT (X)  | 9  | 10  |
| 606-3                         | AUDIO CH-1 OUTPUT (X)  | 11 | 12  |
| 602-8                         | AUDIO MON1. OUTPUT (X) | 13 | 14  |
|                               | N.C.                   | 15 | 16  |
|                               | N.C.                   | 17 | 18  |
|                               | N.C.                   | 19 | 20  |
|                               | N.C.                   | 21 | 22  |
|                               | N.C.                   | 23 | 24  |
|                               | N.C.                   | 25 | 26  |
|                               | N.C.                   | 27 | 28  |
|                               | N.C.                   | 29 | 30  |
| 104-20, 107-9                 | FLTT1-P2               | 31 | 32  |
| 107-11, 104-23, 112-62, 114-9 | FLTT1-R                | 33 | 34  |
|                               | N.C.                   | 35 | 36  |
|                               | N.C.                   | 37 | 38  |
|                               | N.C.                   | 39 | 40  |
| 104-41, 112-10                | AUDIO OUTPUT MUTE      | 41 | 42  |
| 112-12                        | AUDIO RC-P2 MUTE       | 43 | 44  |
| 112-14                        | AUD SFY CS             | 45 | 46  |
| 112-48                        | AUD-P1 CS              | 47 | 48  |
| 112-51                        | FS CONT-P CS           | 49 | 50  |
| 112-53                        | DSP-P2 CS              | 51 | 52  |
| 112-55                        | DSP-P2 XLAT            | 53 | 54  |
| 112-57                        | L:DSP-P2 MUTE          | 55 | 56  |
| 112-59                        | SP S00                 | 57 | 58  |
| 112-61                        | DSP-P READY            | 59 | 60  |
|                               | GND                    | 61 | 62  |
| 107-63, 104-63                | D1 AD1                 | 63 | 64  |
| 107-65, 104-65                | D1 AD3                 | 65 | 66  |
| 107-67, 104-67                | D1 AD5                 | 67 | 68  |
| 107-69, 104-69                | D1 AD7                 | 69 | 70  |
| 107-71, 104-71                | D1 A8                  | 71 | 72  |
| 107-73, 104-73                | D1 ASTB                | 73 | 74  |
| 107-75, 104-75                | D1 WR                  | 75 | 76  |
|                               | UNREG -15V             | 77 | 78  |
|                               | UNREG -15V             | 79 | 80  |
|                               | UNREG +15V             | 81 | 82  |
|                               | UNREG +15V             | 83 | 84  |
|                               | UNREG -12V             | 85 | 86  |
|                               | UNREG -12V             | 87 | 88  |
|                               | UNREG -5V              | 89 | 90  |
|                               | UNREG -5V              | 91 | 92  |
|                               | UNREG +12V             | 93 | 94  |
|                               | UNREG +12V             | 95 | 96  |
|                               | GND                    | 97 | 98  |
|                               | GND                    | 99 | 100 |





DA-119

| CN102            |                 |    |     |                 |
|------------------|-----------------|----|-----|-----------------|
| 107-78           | SDIA REC DT1/2  | 1  | 2   | SDIA REC DT3/4  |
| 107-81           | SDIA REC BCK    | 3  | 4   | SDIA REC LRCK   |
|                  | GND             | 5  | 6   | SDIA REC 256FS  |
| 107-84           | SDIA REC ERR2   | 7  | 8   | SDIA REC ERR1   |
|                  | GND             | 9  | 10  | SDI A DT3/4     |
| 109-70. 105-1    | SDI A DT1/2     | 11 | 12  | SDI A BCK       |
|                  | GND             | 13 | 14  | SDI A 128FS     |
| 109-73. 105-5    | SDI A LRCK      | 15 | 16  | AES IN DT1/2    |
|                  | GND             | 17 | 18  | AES IN LRCK1/2  |
| 105-9            | AES IN BCK1/2   | 19 | 20  | AES IN ERR1/2   |
|                  | N.C             | 21 | 22  | AES IN DT3/4    |
| 105-13           | AES IN 256FS1/2 | 23 | 24  | AES IN LRCK3/4  |
|                  | N.C             | 25 | 26  | AES IN ERR3/4   |
| 105-17           | AES IN BCK3/4   | 27 | 28  | AES IN 256FS3/4 |
|                  | GND             | 29 | 30  | GND             |
|                  | N.C             | 31 | 32  | TRCK4-R         |
|                  | GND             | 33 | 34  | AUEN-R          |
| 108-30           | ADTO-R          | 35 | 36  | SADT-R          |
|                  | GND             | 37 | 38  | START-R         |
|                  | N.C             | 39 | 40  | N.C             |
|                  |                 | 41 | 42  |                 |
|                  | N.C             | 43 | 44  | TRCK4-P         |
|                  | N.C             | 45 | 46  | N.C             |
| 108-81           | SADT-P          | 47 | 48  | START-P         |
|                  | GND             | 49 | 50  | SYCS            |
| 116-112. 108-91  | VADVCS          | 51 | 52  | VPCKCS          |
|                  | GND             | 53 | 54  | DTCS0           |
| 116-116. 108-94  | DTCS1           | 55 | 56  | DTCS2           |
|                  | GND             | 57 | 58  | DTCS3           |
| 116-119. 108-97  | DTCS4           | 59 | 60  | DTCS5           |
|                  | GND             | 61 | 62  | DTCS6           |
| 116-122. 108-100 | DTCS7           | 63 | 64  | GND             |
|                  | N.C             | 65 | 66  | N.C             |
|                  | N.C             | 67 | 68  | N.C             |
|                  | N.C             | 69 | 70  | N.C             |
|                  | N.C             | 71 | 72  | N.C             |
|                  | N.C             | 73 | 74  | N.C             |
|                  | N.C             | 75 | 76  | N.C             |
|                  | N.C             | 77 | 78  | N.C             |
|                  | N.C             | 79 | 80  | N.C             |
|                  | N.C             | 81 | 82  | N.C             |
|                  | N.C             | 83 | 84  | N.C             |
|                  | N.C             | 85 | 86  | N.C             |
|                  | N.C             | 87 | 88  | N.C             |
|                  | N.C             | 89 | 90  | N.C             |
|                  | N.C             | 91 | 92  | N.C             |
|                  | N.C             | 93 | 94  | N.C             |
|                  | N.C             | 95 | 96  | N.C             |
|                  | N.C             | 97 | 98  | N.C             |
|                  | N.C             | 99 | 100 | N.C             |

DA-119

| CN103                        |                       |    |     |                       |
|------------------------------|-----------------------|----|-----|-----------------------|
|                              | GND                   | 1  | 2   | GND                   |
|                              | N.C                   | 3  | 4   | OSDA DATA             |
|                              | GND                   | 5  | 6   | OSDA START            |
| 106-11                       | OSDA FRAME            | 7  | 8   | N.C                   |
|                              | GND                   | 9  | 10  | N.C                   |
|                              | N.C                   | 11 | 12  | QSD1 CORE R2 CS       |
| 113-48                       | QSD1 CORE R1 CS       | 13 | 14  | AUD EDIT CS           |
| 113-51                       | FS CONT QSD1 CS       | 15 | 16  | AUD-R1 CS             |
| 113-57                       | L.FLTA ERR            | 17 | 18  | AUD-R2 CS             |
| 113-53                       | EDIT PLD CS           | 19 | 20  | DSP-R READY           |
|                              | N.C                   | 21 | 22  | FS CONT-R CS          |
| 113-59                       | DSP-R1 CS             | 23 | 24  | DSP-R2 CS             |
| 113-61                       | L.DSP-R1 MUTE         | 25 | 26  | DSP-R1 XLAT           |
| 113-63                       | DSP-R2 XLAT           | 27 | 28  | SP S1-S2              |
| 113-65                       | L.DSP-R2 MUTE         | 29 | 30  | SP SCK-S2             |
| 113-67                       | SP S0-S2              | 31 | 32  | N.C                   |
| 113-69                       | DA-P1 XLAT            | 33 | 34  | N.C                   |
| 113-71                       | RC-P1 XLAT            | 35 | 36  | RC-P2 XLAT            |
| 113-73                       | DA-P2 XLAT            | 37 | 38  | DA ID                 |
| 116-25                       | JOG SPEED             | 39 | 40  | HEADPHONE CH-1 VR (X) |
| 701-6. 701-8. 701-10. 701-12 | HEADPHONE VR (G)      | 41 | 42  | HEADPHONE CH-2 VR (X) |
|                              | N.C                   | 43 | 44  | N.C                   |
|                              | N.C                   | 45 | 46  | SPCK3-P               |
|                              | N.C                   | 47 | 48  | N.C                   |
|                              | N.C                   | 49 | 50  | N.C                   |
|                              | N.C                   | 51 | 52  | N.C                   |
|                              | N.C                   | 53 | 54  | N.C                   |
| 702-3                        | AUDIO CH-1 VR RET (X) | 55 | 56  | AUDIO CH-1 VR RET (Y) |
|                              | GND                   | 57 | 58  | N.C                   |
|                              | N.C                   | 59 | 60  | N.C                   |
|                              | GND                   | 61 | 62  | N.C                   |
| 702-7                        | AUDIO CH-2 VR RET (X) | 63 | 64  | AUDIO CH-2 VR RET (Y) |
|                              | GND                   | 65 | 66  | N.C                   |
|                              | N.C                   | 67 | 68  | N.C                   |
|                              | GND                   | 69 | 70  | N.C                   |
| 702-11                       | AUDIO CH-3 VR RET (X) | 71 | 72  | AUDIO CH-3 VR RET (Y) |
|                              | GND                   | 73 | 74  | N.C                   |
|                              | GND                   | 75 | 76  | N.C                   |
|                              | GND                   | 77 | 78  | N.C                   |
| 702-15                       | AUDIO CH-4 VR RET (X) | 79 | 80  | AUDIO CH-4 VR RET (Y) |
|                              | GND                   | 81 | 82  | N.C                   |
|                              | N.C                   | 83 | 84  | N.C                   |
|                              | REG +3.15V            | 85 | 86  | REG +3.15V            |
|                              | REG +3.15V            | 87 | 88  | REG +3.15V            |
|                              | REG +5V               | 89 | 90  | REG +5V               |
|                              | REG +5V               | 91 | 92  | REG +5V               |
|                              | UNREG +6.8V           | 93 | 94  | UNREG +6.8V           |
|                              | UNREG +6.8V           | 95 | 96  | UNREG +6.8V           |
|                              | GND                   | 97 | 98  | GND                   |
|                              | GND                   | 99 | 100 | GND                   |

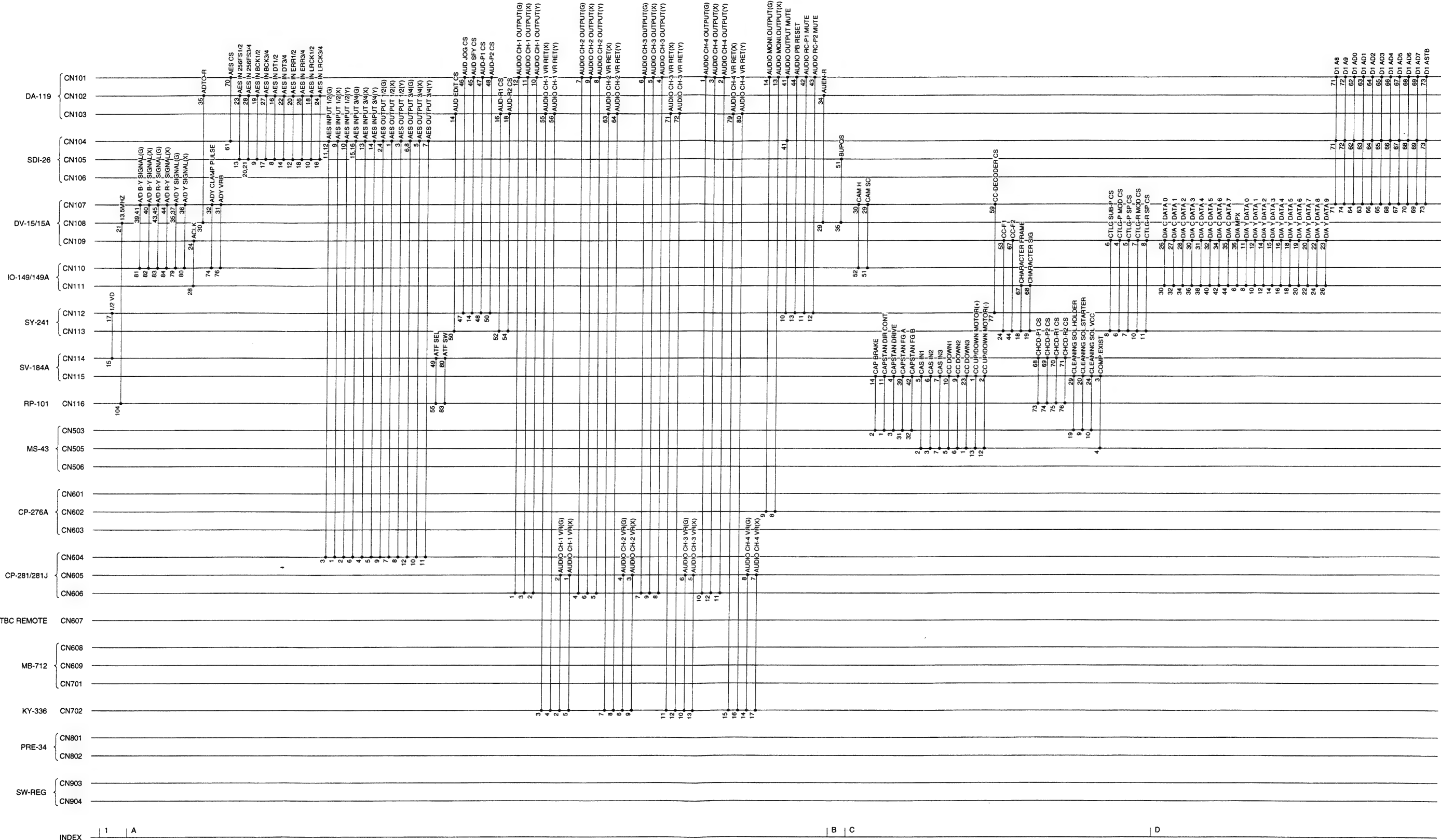
1

2

3

4

5



INDEX

1

A

B

C

D

A

B

C

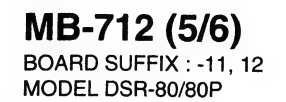
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E

F

G

H



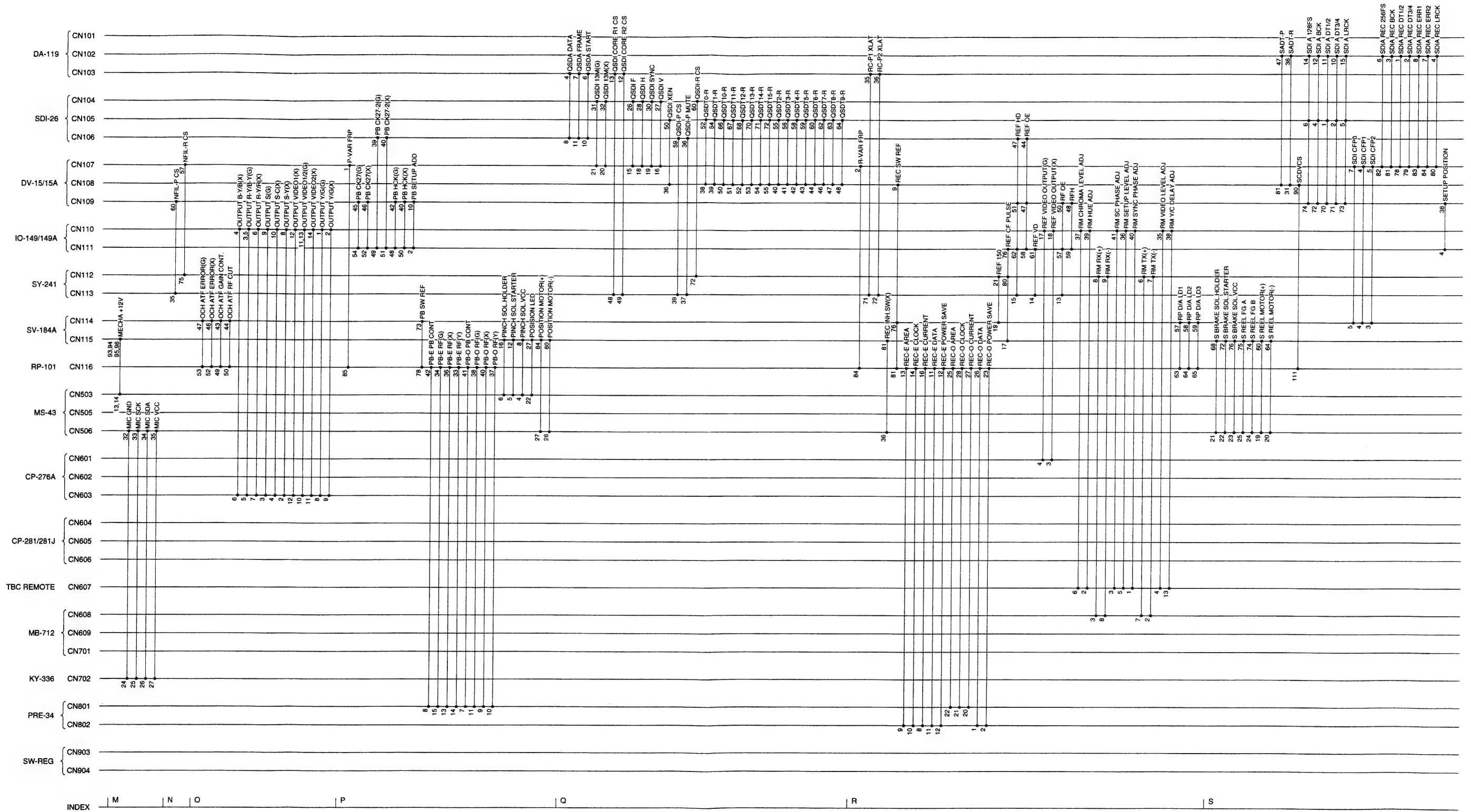
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4

5







10-149

| CN110          |                        |    |     |
|----------------|------------------------|----|-----|
| 603-8          | OUTPUT Y/G (G)         | 1  | 2   |
| 603-5, 110-5   | OUTPUT R-Y/B-Y (G)     | 3  | 4   |
| 603-5, 110-3   | OUTPUT R-Y/B-Y (G)     | 5  | 6   |
|                | GND                    | 7  | 8   |
| 603-3          | OUTPUT S (G)           | 9  | 10  |
| 603-10, 110-13 | OUTPUT VIDEO (G)       | 11 | 12  |
| 603-10, 110-11 | OUTPUT VIDEO (G)       | 13 | 14  |
| 601-2          | INPUT REF/RGB SYNC (G) | 15 | 16  |
| 601-4          | REF VIDEO OUTPUT (G)   | 17 | 18  |
|                | N.C.                   | 19 | 20  |
|                | GND                    | 21 | 22  |
|                | GND                    | 23 | 24  |
|                | GND                    | 25 | 26  |
|                | GND                    | 27 | 28  |
|                | GND                    | 29 | 30  |
|                | GND                    | 31 | 32  |
|                | GND                    | 33 | 34  |
| 607-4          | RM VIDEO LEVEL ADJ     | 35 | 36  |
| 607-6          | RM CHROMA LEVEL ADJ    | 37 | 38  |
| 607-2          | RM HUE ADJ             | 39 | 40  |
| 607-3          | RM SC PHASE ADJ        | 41 | 42  |
|                | N.C.                   | 43 | 44  |
|                | N.C.                   | 45 | 46  |
|                | N.C.                   | 47 | 48  |
|                | N.C.                   | 49 | 50  |
|                | N.C.                   | 51 | 52  |
|                | N.C.                   | 53 | 54  |
|                | N.C.                   | 55 | 56  |
|                | N.C.                   | 57 | 58  |
|                | N.C.                   | 59 | 60  |
|                | N.C.                   | 61 | 62  |
|                | N.C.                   | 63 | 64  |
|                | N.C.                   | 65 | 66  |
|                | N.C.                   | 67 | 68  |
|                | N.C.                   | 69 | 70  |
|                | N.C.                   | 71 | 72  |
|                | N.C.                   | 73 | 74  |
|                | N.C.                   | 75 | 76  |
|                | GND                    | 77 | 78  |
|                | N.C.                   | 79 | 80  |
|                | N.C.                   | 81 | 82  |
|                | N.C.                   | 83 | 84  |
|                | UNREG -12V             | 85 | 86  |
|                | UNREG -12V             | 87 | 88  |
|                | UNREG -5V              | 89 | 90  |
|                | UNREG -5V              | 91 | 92  |
|                | UNREG +12V             | 93 | 94  |
|                | UNREG +12V             | 95 | 96  |
|                | GND                    | 97 | 98  |
|                | GND                    | 99 | 100 |

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| CN111  |                      |    |     |
|--|----------------------|----|-----|
|  | N.C.                 | 1  | 2   |
|  | GND                  | 3  | 4   |
|  | GND                  | 5  | 6   |
|  | N.C.                 | 7  | 8   |
|  | GND                  | 9  | 10  |
|  | N.C.                 | 11 | 12  |
|  | GND                  | 13 | 14  |
|  | N.C.                 | 15 | 16  |
|  | GND                  | 17 | 18  |
|  | N.C.                 | 19 | 20  |
|  | GND                  | 21 | 22  |
|  | N.C.                 | 23 | 24  |
|  | GND                  | 25 | 26  |
|  | GND                  | 27 | 28  |
|  | GND                  | 29 | 30  |
|  | N.C.                 | 31 | 32  |
|  | GND                  | 33 | 34  |
|  | N.C.                 | 35 | 36  |
|  | GND                  | 37 | 38  |
|  | N.C.                 | 39 | 40  |
|  | GND                  | 41 | 42  |
|  | N.C.                 | 43 | 44  |
|  | GND                  | 45 | 46  |
|  | N.C.                 | 47 | 48  |
| 106-39   | PB CK27-2 (G)        | 49 | 50  |
| 106-40   | PB CK27-2 (X)        | 51 | 52  |
|  | N.C.                 | 53 | 54  |
|  | N.C.                 | 55 | 56  |
| 109-46, 113-13                                 | RF OE                | 57 | 58  |
| 109-45   | RFH                  | 59 | 60  |
| 109-48, 113-14                                 | REF VD               | 61 | 62  |
| 115-73   | H:EXT SYNC MODE      | 63 | 64  |
| 115-77   | H:EXT BURST EXIST    | 65 | 66  |
| 113-18   | CHARACTER FRAME      | 67 | 68  |
|  | GND                  | 69 | 70  |
| 113-22   | L:MAINT MODE         | 71 | 72  |
| 106-70, 109-65, 113-74, 702-22                 | SY SCK1              | 73 | 74  |
| 106-72, 109-67, 113-76, 702-21                 | SY S11               | 75 | 76  |
| 115-13   | H:STD/L:NON-STD      | 77 | 78  |
|  | GND                  | 79 | 80  |
| 702-28   | LOCAL SYNC PHASE ADJ | 81 | 82  |
| 106-76, 109-69, 112-46, 113-80, 114-42, 702-18 | L:CPU RESET          | 83 | 84  |
|  | REG +3.15V           | 85 | 86  |
|  | REG +3.15V           | 87 | 88  |
|  | REG +5V              | 89 | 90  |
|  | REG +5V              | 91 | 92  |
|  | UNREG +6.8V          | 93 | 94  |
|  | UNREG +6.8V          | 95 | 96  |
|  | GND                  | 97 | 98  |
|  | GND                  | 99 | 100 |

| REF NO. | CHANGED INFORMATION | LOT NO. |
|---------|---------------------|---------|
| FL1-8   | ADDED               | 610-    |

CP-276

| CN601 |                      |
|-------|----------------------|
| 1     | INPUT REF VIDEO (X)  |
| 2     | INPUT REF VIDEO (G)  |
| 3     | OUTPUT REF VIDEO (X) |
| 4     | OUTPUT REF VIDEO (G) |
| 5     | REG +5V              |
| 6     | UNREG -5V            |
| 7     | GND                  |
| 8     | EXT TC IN            |
| 9     | EXT TC               |
| 10    | EXT TC OUT           |
| 11    | N.C.                 |
| 12    | GND                  |

CP-276

| CN602 |                       |
|-------|-----------------------|
| 1     | N.C.                  |
| 2     | N.C.                  |
| 3     | GND                   |
| 4     | N.C.                  |
| 5     | GND                   |
| 6     | N.C.                  |
| 7     | GND                   |
| 8     | AUDIO MONI OUTPUT (X) |
| 9     | AUDIO MONI OUTPUT (G) |
| 10    | N.C.                  |
| 11    | GND                   |
| 12    | N.C.                  |

CP-276

| CN603 |                    |
|-------|--------------------|
| 1     | L:OUTPUT RGB       |
| 2     | OUTPUT S-Y (X)     |
| 3     | OUTPUT S (G)       |
| 4     | OUTPUT S-C (X)     |
| 5     | OUTPUT R-Y/B-Y (G) |
| 6     | OUTPUT B-Y/R (X)   |
| 7     | OUTPUT R-Y/R (X)   |
| 8     | OUTPUT Y/G (G)     |
| 9     | OUTPUT Y/G (X)     |
| 10    | OUTPUT VIDEO (G)   |
| 11    | OUTPUT VIDEO2 (X)  |
| 12    | OUTPUT VIDEO1 (X)  |

CP-281

| CN604 |      |
|-------|------|
| 1     | N.C. |
| 2     | N.C. |
| 3     | N.C. |
| 4     | N.C. |
| 5     | N.C. |
| 6     | N.C. |
| 7     | N.C. |
| 8     | N.C. |
| 9     | N.C. |
| 10    | N.C. |
| 11    | N.C. |
| 12    | N.C. |

CP-281

| CN605 |            |
|-------|------------|
| 1     | N.C.       |
| 2     | N.C.       |
| 3     | N.C.       |
| 4     | N.C.       |
| 5     | N.C.       |
| 6     | N.C.       |
| 7     | N.C.       |
| 8     | N.C.       |
| 9     | UNREG +12V |
| 10    | GND        |
| 11    | UNREG -12V |
| 12    | N.C.       |

CP-281

| CN606 |                       |
|-------|-----------------------|
| 1     | AUDIO CH-1 OUTPUT (G) |
| 2     | AUDIO CH-1 OUTPUT (Y) |
| 3     | AUDIO CH-1 OUTPUT (X) |
| 4     | AUDIO CH-2 OUTPUT (G) |
| 5     | AUDIO CH-2 OUTPUT (Y) |
| 6     | AUDIO CH-2 OUTPUT (X) |
| 7     | AUDIO CH-3 OUTPUT (G) |
| 8     | AUDIO CH-3 OUTPUT (Y) |
| 9     | AUDIO CH-3 OUTPUT (X) |
| 10    | AUDIO CH-4 OUTPUT (G) |
| 11    | AUDIO CH-4 OUTPUT (Y) |
| 12    | AUDIO CH-4 OUTPUT (X) |

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| CN107                        |                  |     |                       |
|------------------------------|------------------|-----|-----------------------|
|                              | 1                | 2   | AUDIO CH4 OUTPUT (Y)  |
| 606-12                       | GND              | 3   | AUDIO CH4 OUTPUT (G)  |
|                              | 4                | 5   | AUDIO CH3 OUTPUT (Y)  |
| 606-9                        | GND              | 6   | AUDIO CH3 OUTPUT (G)  |
|                              | 7                | 8   | AUDIO CH2 OUTPUT (Y)  |
| 606-6                        | GND              | 9   | AUDIO CH2 OUTPUT (G)  |
|                              | 10               | 11  | AUDIO CH1 OUTPUT (Y)  |
| 606-3                        | GND              | 12  | AUDIO CH1 OUTPUT (G)  |
|                              | 13               | 14  | AUDIO MONI OUTPUT (Y) |
| 602-9                        | GND              | 15  | AUDIO MONI OUTPUT (G) |
|                              | 16               | 17  | GND                   |
| 701-10, 701-8, 701-6, 701-12 | GND              | 18  | N.C.                  |
|                              | 19               | 20  | HEADPHONE CH1 VR (X)  |
|                              | 21               | 22  | HEADPHONE CH2 VR (X)  |
|                              | 23               | 24  | N.C.                  |
|                              | 25               | 26  | N.C.                  |
|                              | 27               | 28  | N.C.                  |
|                              | 29               | 30  | N.C.                  |
|                              | 31               | 32  | N.C.                  |
|                              | 33               | 34  | AUDIO OUTPUT MUTE     |
| 112-11                       | AUDIO RC-P1 MUTE | 35  | AUDIO RC-P2 MUTE      |
|                              | 36               | 37  | AUDIO PB RESET        |
|                              | 38               | 39  | N.C.                  |
|                              | 40               | 41  | N.C.                  |
|                              | 42               | 43  | N.C.                  |
| 112-14                       | AUD SFY CS       | 44  | AUD JOG CS            |
|                              | 45               | 46  | AUD P1 CS             |
| 112-50                       | AUD P2 CS        | 47  | FS CONT-P CS          |
|                              | 48               | 49  | DSP P1 CS             |
| 112-53                       | DSP P2 CS        | 50  | DSP-P1 XLAT           |
|                              | 51               | 52  | DSP-P2 XLAT           |
| 112-56                       | L.DSP-P1 MUTE    | 53  | L.DSP-P2 MUTE         |
|                              | 54               | 55  | SP SCK0               |
| 112-59                       | SP S00           | 56  | SP S10                |
|                              | 57               | 58  | DSP-P READY           |
|                              | 59               | 60  | N.C.                  |
|                              | 61               | 62  | FLT0-P                |
| 104-20, 112-63, 114-7        | FLT1-P           | 63  | FLT0-P                |
| 104-19, 114-6, 112-85        | TRKT-P           | 64  | SFY-P TBC EN          |
|                              | 65               | 66  | SFY-P BANK            |
|                              | 67               | 68  | L.JC RESET            |
|                              | 69               | 70  | N.C.                  |
|                              | 71               | 72  | N.C.                  |
|                              | 73               | 74  | N.C.                  |
|                              | 75               | 76  | L.CTLG RESET          |
|                              | 77               | 78  | UNREG -15V            |
|                              | 79               | 80  | UNREG -15V            |
|                              | 81               | 82  | UNREG +15V            |
|                              | 83               | 84  | UNREG +15V            |
|                              | 85               | 86  | UNREG -12V            |
|                              | 87               | 88  | UNREG -12V            |
|                              | 89               | 90  | UNREG -5V             |
|                              | 91               | 92  | UNREG -5V             |
|                              | 93               | 94  | UNREG +12V            |
|                              | 95               | 96  | UNREG +12V            |
|                              | 97               | 98  | GND                   |
|                              | 99               | 100 | GND                   |

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| CN108          |              |    |               |
|----------------|--------------|----|---------------|
|                | 1            | 2  | N.C.          |
|                | 3            | 4  | N.C.          |
|                | 5            | 6  | N.C.          |
| 114-73, 116-67 | PB SW REF    | 7  | GND           |
|                | 8            | 9  | TRPSC         |
| 116-80         | FRPSC        | 10 | VRCKCS        |
|                | 11           | 12 | N.C.          |
| 116-83         | SYCS         | 13 | SCDVCS        |
|                | 14           | 15 | VADVCS        |
| 116-86         | GND          | 16 | GND           |
|                | 17           | 18 | DTCS0         |
| 116-89         | VPCKCS       | 19 | DTCS1         |
|                | 20           | 21 | DTCS2         |
| 116-92         | GND          | 22 | DTCS3         |
|                | 23           | 24 | DTCS4         |
| 116-95         | DTCS5        | 25 | DTCS6         |
|                | 26           | 27 | DTCS7         |
|                | 28           | 29 | DRCKREF       |
|                | 30           | 31 | SPCK3         |
|                | 32           | 33 | GND           |
|                | 34           | 35 | N.C.          |
|                | 36           | 37 | N.C.          |
|                | 38           | 39 | JOG SPEED     |
|                | 40           | 41 | N.C.          |
|                | 42           | 43 | N.C.          |
|                | 44           | 45 | N.C.          |
|                | 46           | 47 | N.C.          |
|                | 48           | 49 | N.C.          |
|                | 50           | 51 | N.C.          |
|                | 52           | 53 | N.C.          |
|                | 54           | 55 | N.C.          |
|                | 56           | 57 | N.C.          |
|                | 58           | 59 | N.C.          |
|                | 60           | 61 | N.C.          |
|                | 62           | 63 | N.C.          |
|                | 64           | 65 | SY S12        |
| 113-3          | SY S02       | 66 | SY SCK2       |
|                | 67           | 68 | CTLG-P MOD CS |
| 113-7          | CTLG-P SP CS | 69 | CTLG SUB-P CS |
|                | 70           | 71 | GND           |
| 105-95         | IENPV-P      | 72 | IENPA-P       |
|                | 73           | 74 | SFD0          |
| 105-75         | SFDT1        | 75 | SFDT2         |
|                | 76           | 77 | SFDT3         |
| 105-79         | SFDT4        | 78 | SFDT5         |
|                | 79           | 80 | SFDT6         |
| 105-83         | SFDT7        | 81 | SFDT8         |
|                | 82           | 83 | SFDT9         |
| 105-87         | SFDT10       | 84 | SFDT11        |
|                | 85           | 86 | SFDT12        |
| 105-91         | SFDT13       | 87 | SFDT14        |
|                | 88           | 89 | SFDT15        |
| 105-99         | TRCK3-P (X)  | 90 | TRCK3-P (G)   |

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| CN109  |              |     |                    |
|--|--------------|-----|--------------------|
|  | 1            | 2   | GND                |
| 111-2  | PB SETUP ADD | 3   | D/A Y DATA 0       |
|  | 4            | 5   | D/A Y DATA 1       |
| 111-12   | GND          | 6   | D/A Y DATA 2       |
|  | 7            | 8   | D/A Y DATA 3       |
| 111-18   | D/A Y DATA 4 | 9   | D/A Y DATA 5       |
|  | 10           | 11  | D/A Y DATA 6       |
| 111-24   | GND          | 12  | D/A Y DATA 7       |
|  | 13           | 14  | D/A Y DATA 8       |
| 111-30   | D/A C DATA 0 | 15  | D/A Y DATA 9       |
|  | 16           | 17  | ACLK               |
| 111-36   | GND          | 18  | D/A C DATA 1       |
|  | 19           | 20  | D/A C DATA 2       |
| 111-42   | D/A C DATA 3 | 21  | D/A C DATA 4       |
|  | 22           | 23  | D/A C DATA 5       |
| 111-4  | GND          | 24  | D/A C DATA 6       |
|  | 25           | 26  | D/A C DATA 7       |
|  | 27           | 28  | D/A MPX            |
|  | 29           | 30  | SETUP POSITION     |
|  | 31           | 32  | N.C.               |
|  | 33           | 34  | N.C.               |
|  | 35           | 36  | PB HCK (G)         |
| 111-54   | PB CK27 (G)  | 37  | PB HCK (X)         |
| 111-52   | PB CK27 (X)  | 38  | N.C.               |
|  | 39           | 40  | N.C.               |
|  | 41           | 42  | N.C.               |
|  | 43           | 44  | N.C.               |
| 111-59   | RFH          | 45  | RF OE              |
| 111-58, 106-44                                 | REF OE       | 46  | REF VD             |
| 106-47, 111-82, 113-15                         | REF HD       | 47  | L.SDI OUT OP CS    |
| 106-53, 113-30                                 | SP S11       | 48  | SP S01             |
| 106-55, 113-32                                 | SP SCK1      | 49  | SFY-P SP CS        |
| 113-35   | NFIL-P CS    | 50  | V1-P CS            |
| 113-38   | JUST-P CS    | 51  | VRAM-P             |
| 113-33   | SFY-P MS CS  | 52  | DA-P1 XLAT         |
| 113-73   | DA-P2 XLAT   | 53  | N.C.               |
| 113-71   | RC-P1 XLAT   | 54  | RC-P2 XLAT         |
| 106-70, 111-73, 113-74, 702-22                 | SY SCK1      | 55  | SY S01             |
| 106-72, 111-75, 113-76, 702-21                 | SY S11       | 56  | L.SDI OUT OP EXIST |
| 106-76, 111-83, 112-46, 113-80, 114-42, 702-18 | L.CPU RESET  | 57  | L.OSDI OP EXIST    |
| 113-24   | CC-F1        | 58  | CC-F2              |
|  | 59           | 60  | N.C.               |
| 111-76, 112-80                                 | REF CF PULSE | 61  | N.C.               |
|  | 62           | 63  | N.C.               |
|  | 64           | 65  | N.C.               |
|  | 66           | 67  | N.C.               |
|  | 68           | 69  | N.C.               |
|  | 70           | 71  | N.C.               |
|  | 72           | 73  | N.C.               |
|  | 74           | 75  | N.C.               |
|  | 76           | 77  | N.C.               |
|  | 78           | 79  | N.C.               |
|  | 80           | 81  | N.C.               |
|  | 82           | 83  | N.C.               |
|  | 84           | 85  | N.C.               |
|  | 86           | 87  | REG +3 15V         |
|  | 88           | 89  | REG +3 15V         |
|  | 90           | 91  | REG +5V            |
|  | 92           | 93  | REG +5V            |
|  | 94           | 95  | UNREG +6 8V        |
|  | 96           | 97  | UNREG +6 8V        |
|  | 98           | 99  | GND                |
|  | 100          | 101 | GND                |

MS-43

| CN503 |                      |
|-------|----------------------|
| 1     | CAPSTAN DIR. CONT    |
| 2     | CAP. BRAKE           |
| 3     | CAPSTAN DRIVE        |
| 4     | PINCH SOL VCC        |
| 5     | PINCH SOL STARTER    |
| 6     | PINCH SOL HOLDER     |
| 7     | UNTH END             |
| 8     | TH END               |
| 9     | CLEANING SOL STARTER |
| 10    | CLEANING SOL VCC     |
| 11    | DEW DET (G)          |
| 12    | DEW DET (X)          |
| 13    | MECHA +12V           |
| 14    | MECHA +12V           |
| 15    | GND                  |
| 16    | GND                  |
| 17    | UNREG -5V            |
| 18    | UNREG +15V           |
| 19    | CLEANING SOL HOLDER  |
| 20    | N.C.                 |
| 21    | TH/UNTH END LED      |
| 22    | POSITION LED         |
| 23    | THREADING MOTOR (+)  |
| 24    | THREADING MOTOR (-)  |
| 25    | THREADING FG         |
| 26    | DRUM DRIVE           |
| 27    | DRUM FG              |
| 28    | DRUM DIR CONT        |
| 29    | DRUM CURRENT         |
| 30    | DRUM PG              |
| 31    | CAPSTAN FG A         |
| 32    | CAPSTAN FG B         |
| 33    | EEPROM-SV RESET      |
| 34    | L.MS EXIST1          |
| 35    | GND                  |
| 36    | REG +5V              |

CC-75

| CN505 |                      |
|-------|----------------------|
| 1     | CC DOWN3             |
| 2     | CAS IN1              |
| 3     | CAS IN2              |
| 4     | COMP EXIST           |
| 5     | CC DOWN1             |
| 6     | CC DOWN2             |
| 7     | CAS IN3              |
| 8     | REG +5V              |
| 9     | GND                  |
| 10    | N.C.                 |
| 11    | N.C.                 |
| 12    | CC UP/DOWN MOTOR (-) |
| 13    | CC UP/DOWN MOTOR (+) |

MS-43

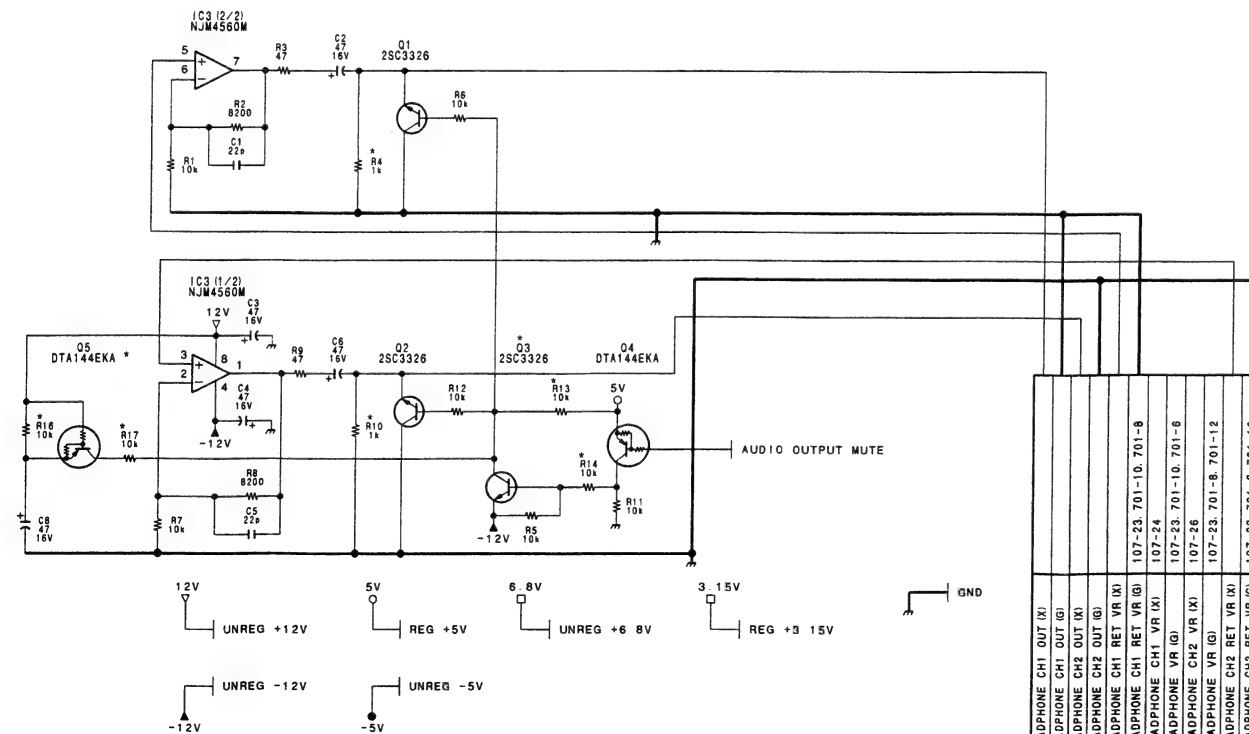
| CN506 |                      |
|-------|----------------------|
| 1     | TENSION SENSOR VEE   |
| 2     | TENSION SENSOR (+)   |
| 3     | TENSION SENSOR (-)   |
| 4     | TENSION SENSOR VCC   |
| 5     | END SENSOR (X)       |
| 6     | SV S11               |
| 7     | SV S01               |
| 8     | SV SCK1              |
| 9     | EEPROM-SV CS         |
| 10    | EEPROM-SV BUSY       |
| 11    | THERMO SENSOR        |
| 12    | T REEL MOTOR (-)     |
| 13    | T REEL MOTOR (+)     |
| 14    | T BRAKE SOL. HOLDER  |
| 15    | T BRAKE SOL. STARTER |
| 16    | T BRAKE SOL. VCC     |
| 17    | T REEL FG B          |
| 18    | T REEL FG A          |
| 19    | S REEL MOTOR (+)     |
| 20    | S REEL MOTOR (-)     |
| 21    | S BRAKE SOL. HOLDER  |
| 22    | S BRAKE SOL. STARTER |
| 23    | S BRAKE SOL. VCC     |
| 24    | S REEL FG B          |
| 25    | S REEL FG A          |
| 26    | POSITION MOTOR (-)   |
| 27    | POSITION MOTOR (+)   |
| 28    | TOP SENSOR (X)       |
| 29    | TOP/END LED VCC      |
| 30    | H-L POSITION         |
| 31    | H-L POSITION         |
| 32    | MIC GND              |
| 33    | MIC SCK              |
| 34    | MIC SDA              |
| 35    | MIC VCC              |
| 36    | REC INH SW (X)       |

SDI-26

SDI-26

| CN104      |    |     |            |
|------------|----|-----|------------|
| N.C.       | 1  | 2   | N.C.       |
| N.C.       | 3  | 4   | N.C.       |
| N.C.       | 5  | 6   | N.C.       |
| N.C.       | 7  | 8   | N.C.       |
| N.C.       | 9  | 10  | N.C.       |
| N.C.       | 11 | 12  | N.C.       |
| N.C.       | 13 | 14  | N.C.       |
| N.C.       | 15 | 16  | N.C.       |
| N.C.       | 17 | 18  | N.C.       |
| TRKT-P     | 19 | 20  | FLTT1-P    |
| N.C.       | 21 | 22  | N.C.       |
| N.C.       | 23 | 24  | N.C.       |
| N.C.       | 25 | 26  | N.C.       |
| N.C.       | 27 | 28  | N.C.       |
| GND        | 29 | 30  | N.C.       |
| N.C.       | 31 | 32  | N.C.       |
| N.C.       | 33 | 34  | N.C.       |
| N.C.       | 35 | 36  | N.C.       |
| N.C.       | 37 | 38  | N.C.       |
| GND        | 39 | 40  | N.C.       |
| N.C.       | 41 | 42  | N.C.       |
| N.C.       | 43 | 44  | N.C.       |
| N.C.       | 45 | 46  | N.C.       |
| N.C.       | 47 | 48  | N.C.       |
| N.C.       | 49 | 50  | N.C.       |
| N.C.       | 51 | 52  | N.C.       |
| N.C.       | 53 | 54  | N.C.       |
| N.C.       | 55 | 56  | SP SCK-S1  |
| GND        | 57 | 58  | SP SO-S1   |
| 112-71     | 59 | 60  | QSDI-R CS  |
| GND        | 61 | 62  | N.C.       |
| N.C.       | 63 | 64  | N.C.       |
| GND        | 65 | 66  | N.C.       |
| N.C.       | 67 | 68  | N.C.       |
| N.C.       | 69 | 70  | N.C.       |
| N.C.       | 71 | 72  | N.C.       |
| N.C.       | 73 | 74  | N.C.       |
| N.C.       | 75 | 76  | N.C.       |
| N.C.       | 77 | 78  | N.C.       |
| N.C.       | 79 | 80  | N.C.       |
| N.C.       | 81 | 82  | N.C.       |
| N.C.       | 83 | 84  | L.JC RESET |
| UNREG -12V | 85 | 86  | UNREG -12V |
| UNREG -12V | 87 | 88  | UNREG -12V |
| UNREG -5V  | 89 | 90  | UNREG -5V  |
| UNREG -5V  | 91 | 92  | UNREG -5V  |
| UNREG +12V | 93 | 94  | UNREG +12V |
| UNREG +12V | 95 | 96  | UNREG +12V |
| GND        | 97 | 98  | GND        |
| GND        | 99 | 100 | GND        |

| CN105  |             |    |        |
|--------|-------------|----|--------|
| N.C.   | 1           | 2  | N.C.   |
| N.C.   | 3           | 4  | N.C.   |
| N.C.   | 5           | 6  | N.C.   |
| N.C.   | 7           | 8  | N.C.   |
| N.C.   | 9           | 10 | N.C.   |
| N.C.   | 11          | 12 | N.C.   |
| N.C.   | 13          | 14 | N.C.   |
| N.C.   | 15          | 16 | N.C.   |
| N.C.   | 17          | 18 | N.C.   |
| N.C.   | 19          | 20 | N.C.   |
| N.C.   | 21          | 22 | N.C.   |
| N.C.   | 23          | 24 | N.C.   |
| N.C.   | 25          | 26 | N.C.   |
| N.C.   | 27          | 28 | N.C.   |
| N.C.   | 29          | 30 | N.C.   |
| N.C.   | 31          | 32 | N.C.   |
| N.C.   | 33          | 34 | N.C.   |
| N.C.   | 35          | 36 | N.C.   |
| N.C.   | 37          | 38 | N.C.   |
| N.C.   | 39          | 40 | N.C.   |
| N.C.   | 41          | 42 | N.C.   |
| N.C.   | 43          | 44 | N.C.   |
| N.C.   | 45          | 46 | N.C.   |
| N.C.   | 47          | 48 | N.C.   |
| N.C.   | 49          | 50 | N.C.   |
| N.C.   | 51          | 52 | N.C.   |
| GND    | 53          | 54 | N.C.   |
| N.C.   | 55          | 56 | N.C.   |
| GND    | 57          | 58 | N.C.   |
| N.C.   | 59          | 60 | N.C.   |
| GND    | 61          | 62 | N.C.   |
| N.C.   | 63          | 64 | N.C.   |
| GND    | 65          | 66 | N.C.   |
| N.C.   | 67          | 68 | N.C.   |
| GND    | 69          | 70 | N.C.   |
| N.C.   | 71          | 72 | N.C.   |
| GND    | 73          | 74 | SFDT0  |
| 108-79 | SFDT1       | 75 | 76     |
| GND    | 77          | 78 | SFDT3  |
| 108-83 | SFDT4       | 79 | 80     |
| GND    | 81          | 82 | SFDT6  |
| 108-87 | SFDT7       | 83 | 84     |
| GND    | 85          | 86 | SFDT9  |
| 108-91 | SFDT10      | 87 | 88     |
| GND    | 89          | 90 | SFDT12 |
| 108-95 | SFDT13      | 91 | 92     |
| GND    | 93          | 94 | SFDT15 |
| 108-75 | IENPV-P     | 95 | 96     |
| GND    | 97          | 98 | N.C.   |
| 108-99 | TRCK3-P (X) | 99 | 100    |



| REF NO.         | CHANGED INFORMATION | LOT NO. |
|-----------------|---------------------|---------|
| C7              | ADDED               | 610-    |
| D3              | DTA144EKA → 2SC3326 |         |
| D5              | ADDED               |         |
| R4, 10          | 10k → 1k            |         |
| R11             | DELETED             | 709-    |
| R13, 14, 16, 17 | ADDED               | 610-    |
| R15             | ADDED               | 610     |
| R15             | DELETED             | 610-    |

KY-336

| CN701 |                          |  |  |
|-------|--------------------------|--|--|
| 1     | HEADPHONE CH1 OUT (X)    | 107-23, 701-10, 701-8                          |  |
| 2     | HEADPHONE CH2 OUT (X)    | 107-24   |  |
| 3     | HEADPHONE CH1 RET VR (X) | 107-23, 701-10, 701-8                          |  |
| 4     | HEADPHONE CH2 RET VR (X) | 107-26   |  |
| 5     | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 6     | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 7     | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 8     | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 9     | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 10    | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 11    | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 12    | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 13    | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 14    | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 15    | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 16    | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 17    | HEADPHONE CH1 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 18    | HEADPHONE CH2 VR (X)     | 107-23, 701-10, 701-8                          |  |
| 19    | L.CPU RESET              | 108-76, 108-68, 111-83, 112-46, 113-80, 114-42 |  |
| 20    | L.KY CS                  | 113-28   |  |
| 21    | SY S01                   | 108-71, 109-66, 111-74, 113-75                 |  |
| 22    | SY S11                   | 108-72, 109-67, 111-75, 113-76                 |  |
| 23    | SY SCK1                  | 108-70, 109-65, 111-73, 113-74                 |  |
| 24    | N.C.                     |  |  |
| 25    | MIC GND                  | 506-32   |  |
| 26    | MIC SCK                  | 506-33   |  |
| 27    | MIC SDA                  | 506-34   |  |
| 28    | MIC VCC                  | 506-35   |  |
| 29    | LOCAL SYNC PHASE ADJ     | 111-81   |  |
| 30    | REG +5V                  | 111-82   |  |
| 31    | REG +5V                  |  |  |
| 32    | UNREG +12V               |  |  |
| 33    | UNREG +12V               |  |  |
| 34    | GND                      |  |  |
| 35    | GND                      |  |  |
| 36    | UNREG -12V               |  |  |

13-160

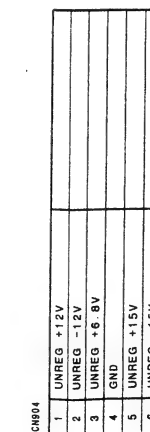
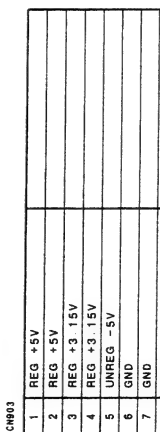
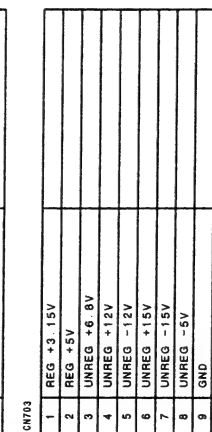
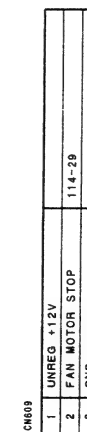
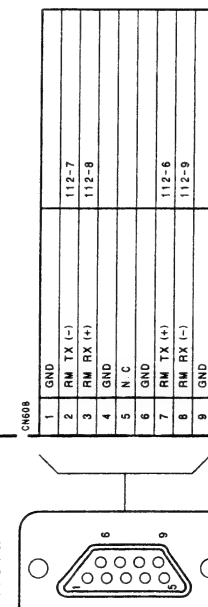
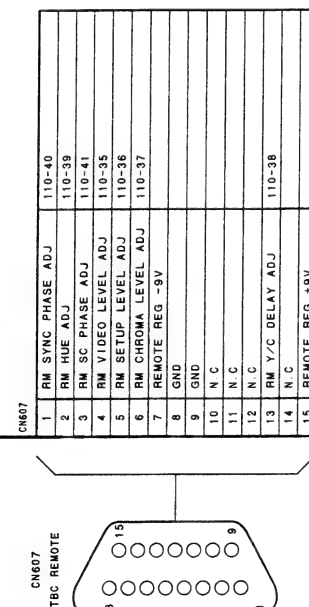
13-160

## SDI-26

| CN106                          |                 |     |               |
|--------------------------------|-----------------|-----|---------------|
| N.C.                           | 1               | 2   | N.C.          |
| N.C.                           | 3               | 4   | GND           |
| GND                            | 5               | 6   | N.C.          |
| N.C.                           | 7               | 8   | N.C.          |
| GND                            | 9               | 10  | N.C.          |
| N.C.                           | 11              | 12  | N.C.          |
| GND                            | 13              | 14  | N.C.          |
| N.C.                           | 15              | 16  | N.C.          |
| GND                            | 17              | 18  | N.C.          |
| N.C.                           | 19              | 20  | N.C.          |
| GND                            | 21              | 22  | N.C.          |
| N.C.                           | 23              | 24  | N.C.          |
| GND                            | 25              | 26  | N.C.          |
| N.C.                           | 27              | 28  | GND           |
| GND                            | 29              | 30  | N.C.          |
| N.C.                           | 31              | 32  | N.C.          |
| N.C.                           | 33              | 34  | N.C.          |
| N.C.                           | 35              | 36  | QSDI-P MUTE   |
| N.C.                           | 37              | 38  | N.C.          |
| 111-49                         | PB CK27-2 (G)   | 39  | PB CK27-2 (X) |
| N.C.                           | 41              | 42  | GND           |
| N.C.                           | 43              | 44  | REF OE        |
| N.C.                           | 45              | 46  | N.C.          |
| 109-49, 111-62, 113-15         | REF HD          | 47  | 48            |
| N.C.                           | 49              | 50  | N.C.          |
| N.C.                           | 51              | 52  | GND           |
| 109-51, 113-30                 | SP S11          | 53  | 54            |
| 109-53, 113-32                 | SP SCK1         | 55  | 56            |
| N.C.                           | 57              | 58  | N.C.          |
| 113-39                         | QSDI-P CS       | 59  | 60            |
| N.C.                           | 61              | 62  | N.C.          |
| N.C.                           | 63              | 64  | L:QSDI OP CS  |
| N.C.                           | 65              | 66  | N.C.          |
| N.C.                           | 67              | 68  | N.C.          |
| N.C.                           | 69              | 70  | SY SCK1       |
| 109-66, 111-74, 113-75, 702-20 | SY S01          | 71  | 72            |
| N.C.                           | 73              | 74  | N.C.          |
| N.C.                           | 75              | 76  | L:CPU RESET   |
| 109-70, 113-82                 | L:QSDI OP EXIST | 77  | 78            |
| N.C.                           | 79              | 80  | N.C.          |
| N.C.                           | 81              | 82  | N.C.          |
| N.C.                           | 83              | 84  | N.C.          |
| REG +3.15V                     | 85              | 86  | REG +3.15V    |
| REG +3.15V                     | 87              | 88  | REG +3.15V    |
| REG +5V                        | 89              | 90  | REG +5V       |
| REG +5V                        | 91              | 92  | REG +5V       |
| UNREG +6.8V                    | 93              | 94  | UNREG +6.8V   |
| UNREG +6.8V                    | 95              | 96  | UNREG +6.8V   |
| GND                            | 97              | 98  | GND           |
| GND                            | 99              | 100 | GND           |

## SY-241

| CN112                 |                  |     |              |
|-----------------------|------------------|-----|--------------|
| 601-10                | EXT LTC OUTPUT   | 1   | 2            |
| 601-8                 | EXT LTC INPUT    | 3   | 4            |
| 603-1                 | L:OUTPUT RGB     | 5   | 6            |
| 608-2                 | RM TX (+)        | 7   | 8            |
| 608-8                 | RM RX (-)        | 9   | 10           |
| 107-35                | AUDIO RC-P1 MUTE | 11  | 12           |
| 107-38                | AUDIO PB RESET   | 13  | 14           |
| 114-11                | SV D15           | 15  | 16           |
| 114-15                | 1/2 V0           | 17  | 18           |
| 114-14                | SV D12           | 19  | 20           |
| 114-19                | REF 150          | 21  | 22           |
| 114-18                | SV D9            | 23  | 24           |
| 114-23                | H:NTSC/L:PAL     | 25  | 26           |
| 114-22                | SV A9            | 27  | 28           |
| 114-25                | SV A7            | 29  | 30           |
| 114-27                | SV A5            | 31  | 32           |
| 114-77                | H:RECORDER       | 33  | 34           |
| 114-31                | SV A2            | 35  | 36           |
| N.C.                  | GND              | 37  | 38           |
| 114-34                | SV A0            | 39  | 40           |
| 114-39                | SV CLOCK (G)     | 41  | 42           |
| 114-39                | SV RAM CS        | 43  | 44           |
| N.C.                  | N.C.             | 45  | 46           |
| 107-44                | AUD JOG CS       | 47  | 48           |
| N.C.                  | N.C.             | 49  | 50           |
| 107-48                | FS CONT-P CS     | 51  | 52           |
| 107-51                | DSP P2 CS        | 53  | 54           |
| 107-54                | DSP-P2 XLAT      | 55  | 56           |
| 107-56                | L:DSP-P2 MUTE    | 57  | 58           |
| 107-59                | SP S00           | 59  | 60           |
| 107-62                | DSP-P READY      | 61  | 62           |
| 107-65, 104-20, 114-7 | FLTT1-P          | 63  | 64           |
| 104-19, 107-67, 114-6 | TRKT-P           | 65  | 66           |
| 115-61                | FRAME PULSE      | 67  | 68           |
| 104-56                | SP SCK-S1        | 69  | 70           |
| 104-59                | SP S1-S1         | 71  | 72           |
| 107-76                | L:CTLG RESET     | 73  | 74           |
| N.C.                  | N.C.             | 75  | 76           |
| N.C.                  | N.C.             | 77  | 78           |
| N.C.                  | N.C.             | 79  | 80           |
| UNREG +15V            | 81               | 82  | REF CF PULSE |
| UNREG +15V            | 83               | 84  | UNREG +15V   |
| UNREG -12V            | 85               | 86  | UNREG -12V   |
| UNREG -12V            | 87               | 88  | UNREG -12V   |
| UNREG -5V             | 89               | 90  | UNREG -5V    |
| UNREG -5V             | 91               | 92  | UNREG -5V    |
| UNREG +12V            | 93               | 94  | UNREG +12V   |
| UNREG +12V            | 95               | 96  | UNREG +12V   |
| GND                   | 97               | 98  | GND          |
| GND                   | 99               | 100 | GND          |

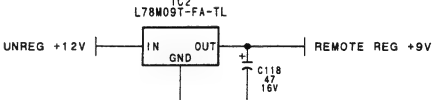
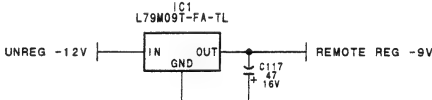
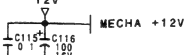
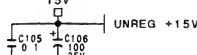
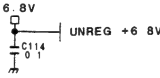
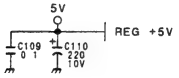
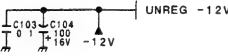
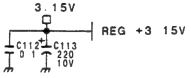
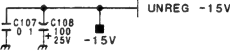
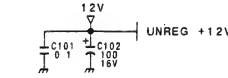


SY-241

| CN113                          |                    |    |     |
|--------------------------------|--------------------|----|-----|
| 108-67                         | N.C                | 1  | 2   |
|                                | SY S02             | 3  | 4   |
|                                | N.C                | 5  | 6   |
| 108-71                         | CTLG-P SP CS       | 7  | 8   |
|                                | N.C                | 9  | 10  |
|                                | N.C                | 11 | 12  |
| 109-46, 111-57                 | RF OE              | 13 | 14  |
| 106-47, 109-49, 111-62         | REF HD             | 15 | 16  |
| 111-66                         | INPUT WIDE DET     | 17 | 18  |
| 111-68                         | CHARACTER SIG      | 19 | 20  |
|                                | N.C                | 21 | 22  |
| 111-72                         | INPUT LTB DET      | 23 | 24  |
|                                | N.C                | 25 | 26  |
|                                | N.C                | 27 | 28  |
|                                | N.C                | 29 | 30  |
| 106-54, 109-52                 | SP S01             | 31 | 32  |
| 109-59                         | SFY-P MS CS        | 33 | 34  |
| 109-55                         | NFIL-P CS          | 35 | 36  |
| 106-56                         | QSD1-P MUTE        | 37 | 38  |
| 106-59                         | QSD1-P CS          | 39 | 40  |
|                                | N.C                | 41 | 42  |
|                                | N.C                | 43 | 44  |
|                                | N.C                | 45 | 46  |
|                                | N.C                | 47 | 48  |
|                                | N.C                | 49 | 50  |
|                                | N.C                | 51 | 52  |
|                                | N.C                | 53 | 54  |
|                                | N.C                | 55 | 56  |
|                                | N.C                | 57 | 58  |
|                                | N.C                | 59 | 60  |
|                                | N.C                | 61 | 62  |
|                                | N.C                | 63 | 64  |
|                                | N.C                | 65 | 66  |
|                                | N.C                | 67 | 68  |
| 109-60                         | DA-P1 XLAT         | 69 | 70  |
| 109-63                         | RC-P1 XLAT         | 71 | 72  |
| 109-61                         | DA-P2 XLAT         | 73 | 74  |
| 106-71, 109-66, 111-74, 702-20 | SY S01             | 75 | 76  |
|                                | N.C                | 77 | 78  |
| 109-68                         | L.SDI OUT OP EXIST | 79 | 80  |
|                                | N.C                | 81 | 82  |
|                                | N.C                | 83 | 84  |
|                                | REG +3.15V         | 85 | 86  |
|                                | REG +3.15V         | 87 | 88  |
|                                | REG +5V            | 89 | 90  |
|                                | REG +5V            | 91 | 92  |
|                                | UNREG +6.8V        | 93 | 94  |
|                                | UNREG +6.8V        | 95 | 96  |
|                                | GND                | 97 | 98  |
|                                | GND                | 99 | 100 |

SV-184

| CN114                  |                   |    |     |
|------------------------|-------------------|----|-----|
|                        | N.C               | 1  | 2   |
|                        | N.C               | 3  | 4   |
|                        | N.C               | 5  | 6   |
| 107-65, 104-20, 112-63 | FLTT1-P           | 7  | 8   |
|                        | N.C               | 9  | 10  |
| 112-15                 | SV D15            | 11 | 12  |
| 112-18                 | SV D13            | 13 | 14  |
| 112-17                 | 1/2 VD            | 15 | 16  |
| 112-22                 | SV D10            | 17 | 18  |
| 112-21                 | REF 150           | 19 | 20  |
| 112-26                 | SV A10            | 21 | 22  |
| 112-25                 | H:NTSC/L:PAL      | 23 | 24  |
| 112-29                 | SV A7             | 25 | 26  |
| 112-31                 | SV A5             | 27 | 28  |
| 609-2                  | FAN MOTOR STOP    | 29 | 30  |
| 112-35                 | SV A2             | 31 | 32  |
|                        | GND               | 33 | 34  |
| 112-38                 | SV HWR            | 35 | 36  |
| 112-41                 | SV CLOCK (G)      | 37 | 38  |
| 112-43                 | SV RAM CS         | 39 | 40  |
|                        | N.C               | 41 | 42  |
|                        | N.C               | 43 | 44  |
| 116-50                 | L:TEST            | 45 | 46  |
|                        | N.C               | 47 | 48  |
| 116-52                 | ATF SEL           | 49 | 50  |
| 116-56                 | ECH ATF ERROR (X) | 51 | 52  |
| 116-51                 | ITI CENTER        | 53 | 54  |
| 116-59                 | EEPROM RP CS      | 55 | 56  |
| 116-61                 | RP D/A LD1        | 57 | 58  |
|                        | N.C               | 59 | 60  |
| 108-3, 116-62          | SV S12            | 61 | 62  |
| 108-6, 116-64          | SV SCK2           | 63 | 64  |
|                        | N.C               | 65 | 66  |
|                        | N.C               | 67 | 68  |
|                        | N.C               | 69 | 70  |
|                        | N.C               | 71 | 72  |
| 108-7, 116-67          | PB SW REF         | 73 | 74  |
|                        | N.C               | 75 | 76  |
| 112-33                 | H:RECORDER        | 77 | 78  |
|                        | N.C               | 79 | 80  |
|                        | UNREG +6.8V       | 81 | 82  |
|                        | UNREG +6.8V       | 83 | 84  |
|                        | UNREG -12V        | 85 | 86  |
|                        | UNREG -12V        | 87 | 88  |
|                        | UNREG -5V         | 89 | 90  |
|                        | UNREG -5V         | 91 | 92  |
|                        | UNREG +12V        | 93 | 94  |
|                        | UNREG +12V        | 95 | 96  |
|                        | GND               | 97 | 98  |
|                        | GND               | 99 | 100 |





| SV-184         |                      |    |     |                      |
|----------------|----------------------|----|-----|----------------------|
| CN115          |                      |    |     |                      |
| 505-13         | CC UP/DOWN MOTOR (+) | 1  | 2   | CC UP/DOWN MOTOR (-) |
| 505-4          | COMP EXIST           | 3  | 4   | CAPSTAN DRIVE        |
| 505-2          | CAS IN1              | 5  | 6   | CAS IN2              |
| 505-7          | CAS IN3              | 7  | 8   | PINCH SOL VCC        |
| 505-6          | CC DOWN2             | 9  | 10  | CC DOWN1             |
| 503-1          | CAPSTAN DIR CONT     | 11 | 12  | PINCH SOL STARTER    |
| 111-77         | H-STD/L-NON-STD      | 13 | 14  | CAP BRAKE            |
| 503-7          | UNTH END             | 15 | 16  | PINCH SOL HOLDER     |
|                | N.C                  | 17 | 18  | TH END               |
| 503-11         | DEW DET (G)          | 19 | 20  | CLEANING SOL STARTER |
| 111-78         | INPUT CF PULSE       | 21 | 22  | DEW DET (X)          |
| 505-1          | CC DOWN3             | 23 | 24  | CLEANING SOL VCC     |
| 108-40         | JOG SPEED            | 25 | 26  | TH/UNTH END LED      |
| 503-22         | POSITION LED         | 27 | 28  | THREADING MOTOR (+)  |
| 503-19         | CLEANING SOL HOLDER  | 29 | 30  | THREADING FG         |
| 503-27         | DRUM FG              | 31 | 32  | THREADING MOTOR (-)  |
|                | N.C                  | 33 | 34  | DRUM DIR CONT        |
| 503-29         | DRUM CURRENT         | 35 | 36  | DRUM DRIVE           |
|                | N.C                  | 37 | 38  | DRUM PG              |
| 503-31         | CAPSTAN FG A         | 39 | 40  | T REEL MOTOR (-)     |
|                | N.C                  | 41 | 42  | CAPSTAN FG B         |
| 503-33         | EEPROM-SV RESET      | 43 | 44  | T REEL MOTOR (+)     |
|                | N.C                  | 45 | 46  | L-MS EXIST1          |
| 506-1          | TENSION SENSOR VEE   | 47 | 48  | T BRAKE SOL HOLDER   |
| 113-48         | FIX FRP-R            | 49 | 50  | TENSION SENSOR (+)   |
| 506-3          | TENSION SENSOR (-)   | 51 | 52  | T BRAKE SOL STARTER  |
| 107-70, 112-66 | SFY-P BANK           | 53 | 54  | TENSION SENSOR VCC   |
| 506-5          | END SENSOR (X)       | 55 | 56  | T BRAKE SOL VCC      |
| 107-68         | SFY-P TBC EN         | 57 | 58  | SV S11               |
| 506-7          | SV S01               | 59 | 60  | S REEL MOTOR (+)     |
| 112-67         | FRAME PULSE          | 61 | 62  | SV SCK1              |
| 506-9          | EEPROM-SV CS         | 63 | 64  | S REEL MOTOR (-)     |
|                | N.C                  | 65 | 66  | EEPROM-SV BUSY       |
| 506-11         | THERMO SENSOR        | 67 | 68  | S BRAKE SOL HOLDER   |
|                | N.C                  | 69 | 70  | T REEL FG B          |
| 506-18         | T REEL FG A          | 71 | 72  | S BRAKE SOL STARTER  |
| 111-63         | H-EXT SYNC MODE      | 73 | 74  | S REEL FG B          |
| 506-25         | S REEL FG A          | 75 | 76  | S BRAKE SOL VCC      |
| 111-65         | H-EXT BURST EXIST    | 77 | 78  | TOP/END LED VCC      |
| 506-28         | TOP SENSOR (X)       | 79 | 80  | POSITION MOTOR (-)   |
| 506-36         | REC INH SW (X)       | 81 | 82  | H-S POSITION         |
| 506-31         | H-L POSITION         | 83 | 84  | POSITION MOTOR (+)   |
|                | REG +3.15V           | 85 | 86  | REG +3.15V           |
|                | REG +3.15V           | 87 | 88  | REG +3.15V           |
|                | REG +5V              | 89 | 90  | REG +5V              |
|                | REG +5V              | 91 | 92  | REG +5V              |
|                | MECHA +12V           | 93 | 94  | MECHA +12V           |
|                | MECHA +12V           | 95 | 96  | MECHA +12V           |
|                | GND                  | 97 | 98  | GND                  |
|                | GND                  | 99 | 100 | GND                  |

| RP-103                         |                   |    |     |                   |
|--------------------------------|-------------------|----|-----|-------------------|
| CN116                          |                   |    |     |                   |
|                                | GND               | 1  | 2   | GND               |
|                                | GND               | 3  | 4   | GND               |
|                                | GND               | 5  | 6   | GND               |
|                                | GND               | 7  | 8   | GND               |
|                                | REG +3.15V        | 9  | 10  | REG +3.15V        |
|                                | REG +3.15V        | 11 | 12  | REG +3.15V        |
|                                | UNREG +6.8V       | 13 | 14  | UNREG +6.8V       |
|                                | UNREG +6.8V       | 15 | 16  | UNREG +6.8V       |
|                                | REG +5V           | 17 | 18  | REG +5V           |
|                                | REG +5V           | 19 | 20  | REG +5V           |
|                                | GND               | 21 | 22  | GND               |
| 801-14                         | A GND             | 23 | 24  | A GND             |
| 801-14                         | A GND             | 25 | 26  | A GND             |
|                                | GND               | 27 | 28  | PB-O RF (X)       |
|                                | GND               | 29 | 30  | PB-O RF (Y)       |
| 801-11                         | PB-O RF (G)       | 31 | 32  | PB-O RF (G)       |
| 801-11                         | PB-O RF (G)       | 33 | 34  | PB-O RF (G)       |
|                                | GND               | 35 | 36  | PB-E RF (X)       |
|                                | GND               | 37 | 38  | PB-E RF (Y)       |
| 116-32, 116-33, 116-34, 801-11 | PB-E RF (G)       | 39 | 40  | PB-E RF (G)       |
| 116-31, 116-33, 116-34, 801-11 | PB-E RF (G)       | 41 | 42  | PB-E RF (G)       |
|                                | GND               | 43 | 44  | FB DUMP           |
|                                | GND               | 45 | 46  | GND               |
|                                | GND               | 47 | 48  | GND               |
|                                | GND               | 49 | 50  | L-TEST            |
| 114-53                         | ITI CENTER        | 51 | 52  | ATF SEL           |
|                                | N.C               | 53 | 54  | ECH ATF GAIN CONT |
| 114-50                         | ECH ATF RF CUT    | 55 | 56  | ECH ATF ERROR (X) |
| 114-52                         | ECH ATF ERROR (G) | 57 | 58  | EEPROM RP BUSY    |
| 114-55                         | EEPROM RP CS      | 59 | 60  | EEPROM RP RESET   |
| 114-57                         | RP D/A LD1        | 61 | 62  | SV S12            |
| 108-4, 114-62                  | SV S02            | 63 | 64  | SV SCK2           |
| 114-68                         | CHCD-P1 CS        | 65 | 66  | L-CHCD RESET      |
| 108-7, 114-73                  | PB SW REF         | 67 | 68  | N.C               |
|                                | N.C               | 69 | 70  | GND               |
|                                | GND               | 71 | 72  | GND               |
|                                | GND               | 73 | 74  | GND               |
|                                | GND               | 75 | 76  | GND               |
|                                | GND               | 77 | 78  | GND               |
| 108-10                         | TRPSC             | 79 | 80  | FRPSC             |
| 108-12                         | VRCKCS            | 81 | 82  | N.C               |
| 108-15                         | SYCS              | 83 | 84  | SCDVCS            |
| 108-18                         | VADVCS            | 85 | 86  | VPCCKCS           |
|                                | N.C               | 87 | 88  | DTCS0             |
| 108-23                         | DTCS1             | 89 | 90  | DTCS2             |
| 108-26                         | DTCS3             | 91 | 92  | DTCS4             |
| 108-28                         | DTCS5             | 93 | 94  | DTCS6             |
| 108-31                         | DTCS7             | 95 | 96  | GND               |
| 108-32                         | DRCKREF           | 97 | 98  | GND               |
| 108-34                         | SPCK3             | 99 | 100 | GND               |

PRE-39

| CN801 |             |
|-------|-------------|
| 1     | GND         |
| 2     | GND         |
| 3     | REG +3.15V  |
| 4     | REG +3.15V  |
| 5     | UNREG +6.8V |
| 6     | UNREG +6.8V |
| 7     | FB DUMP     |
| 8     | PB-E RF (G) |
| 9     | PB-E RF (Y) |
| 10    | PB-E RF (X) |
| 11    | PB-O RF (G) |
| 12    | PB-O RF (Y) |
| 13    | PB-O RF (X) |
| 14    | A GND       |

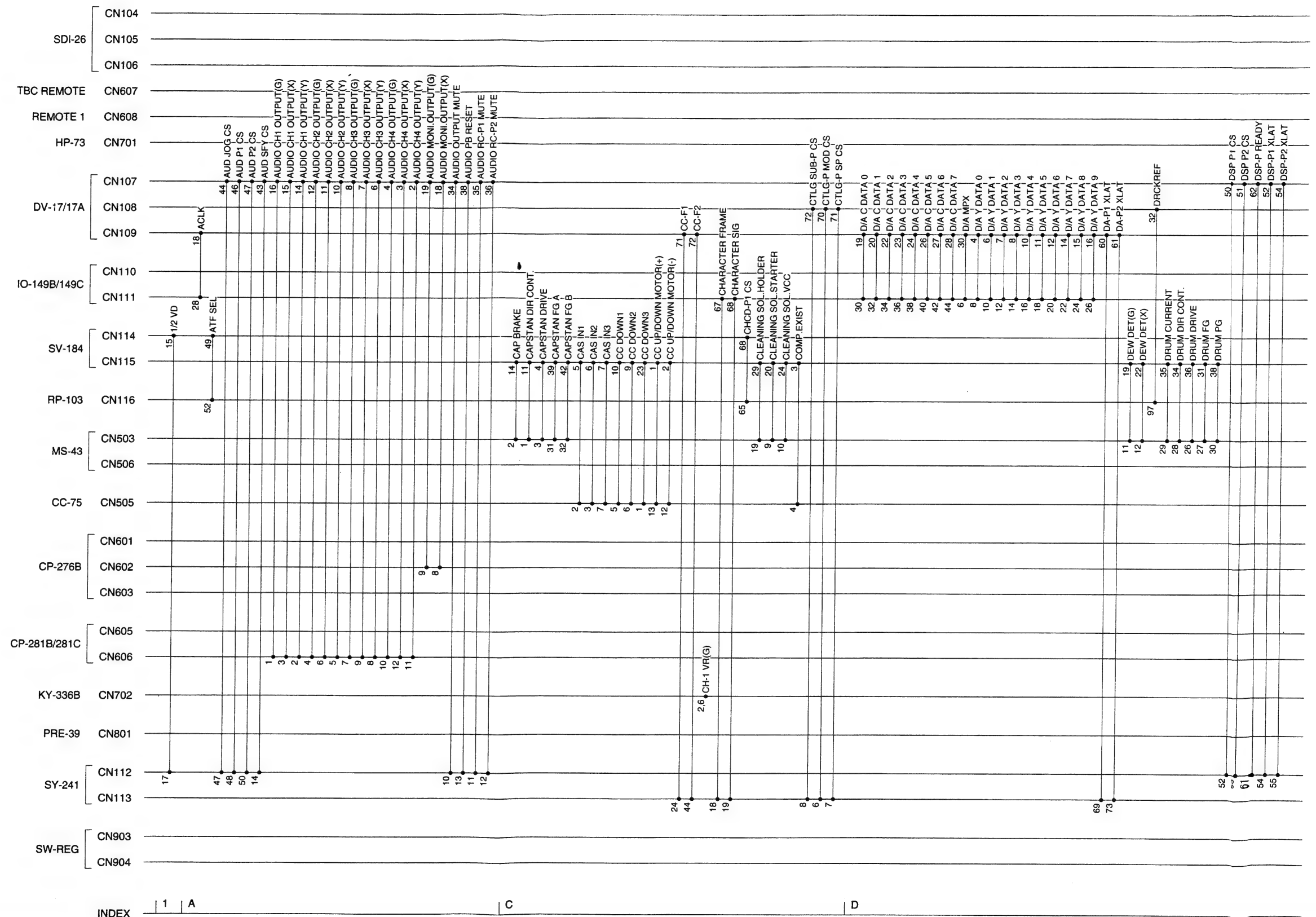
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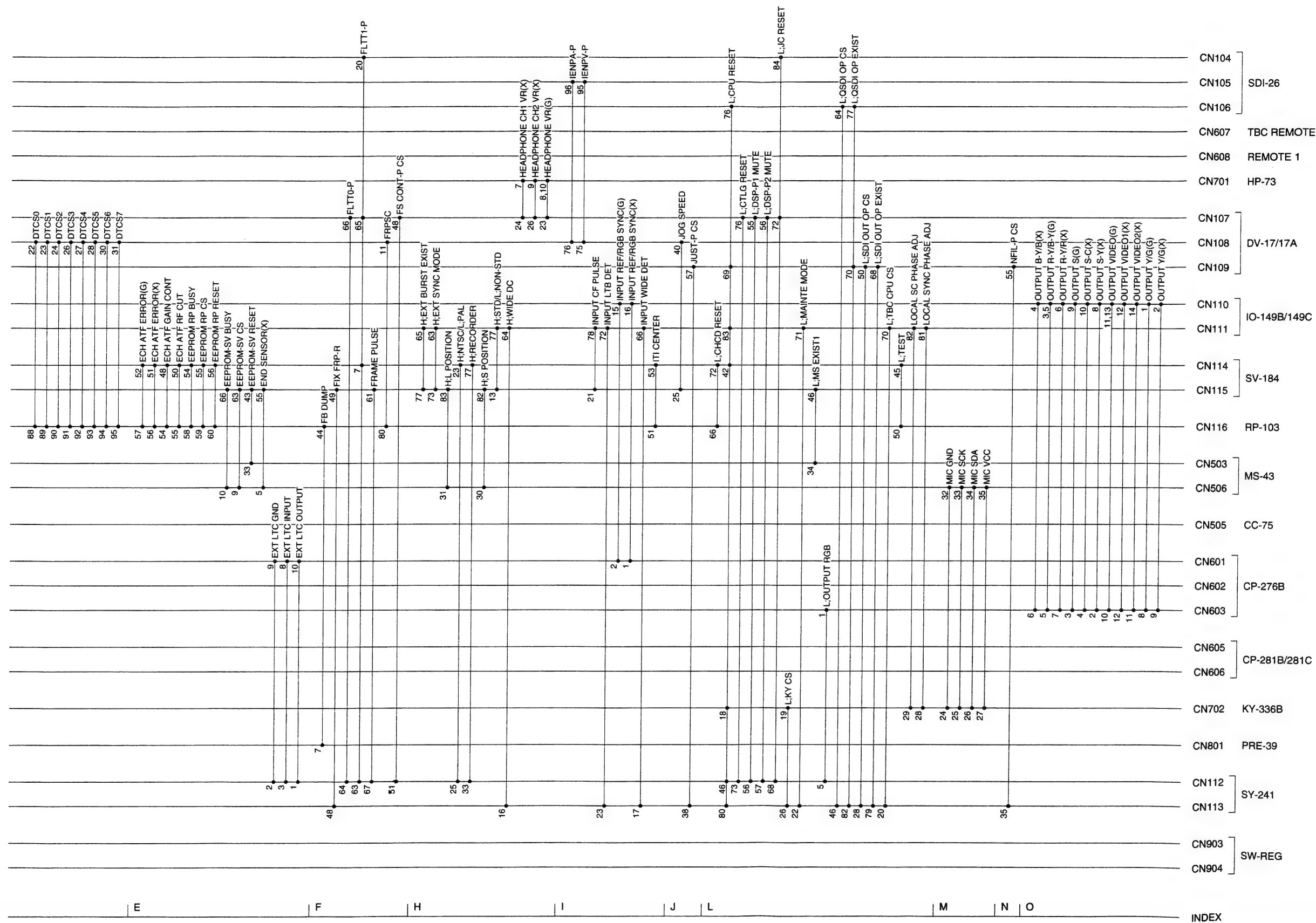
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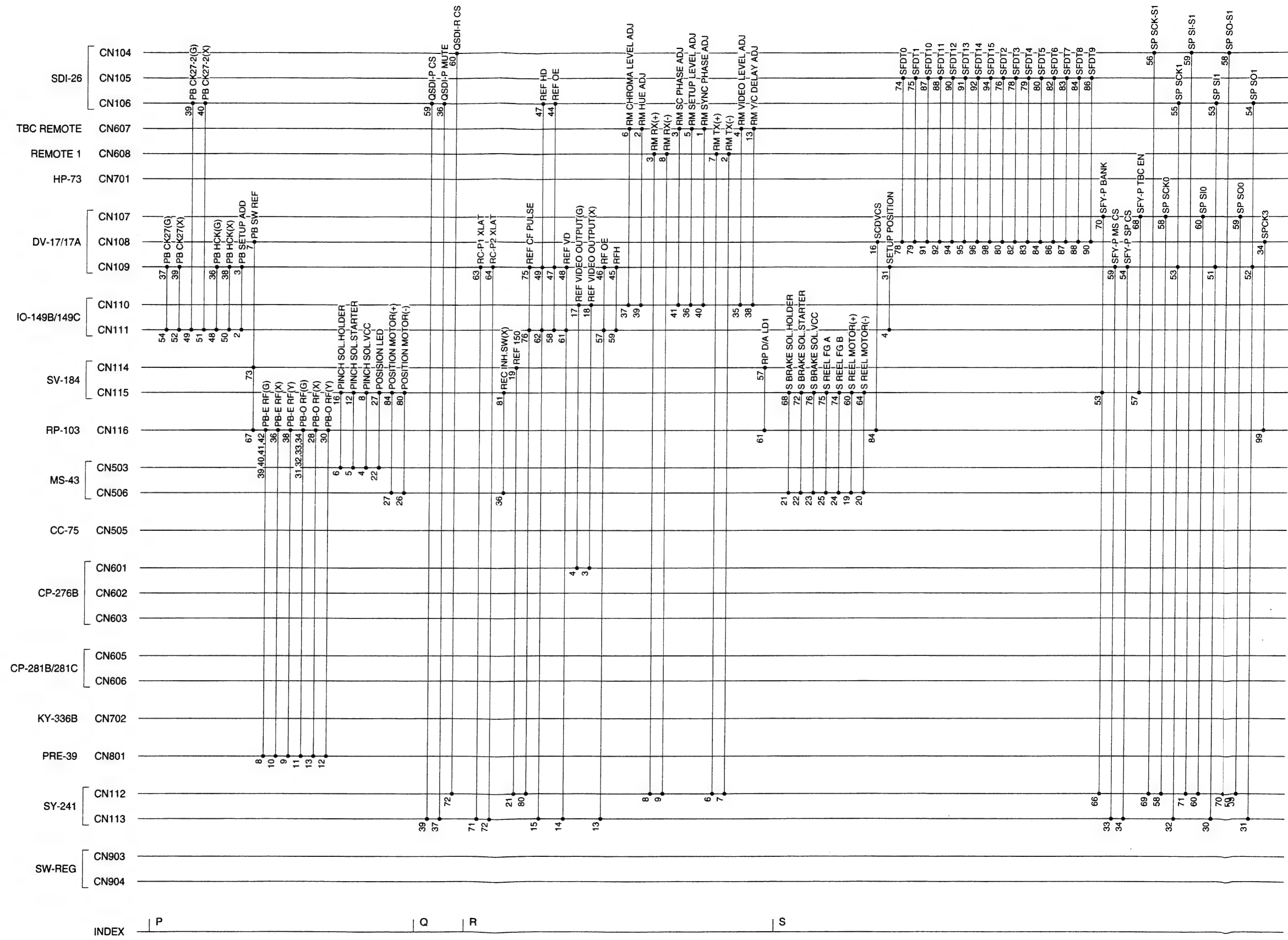
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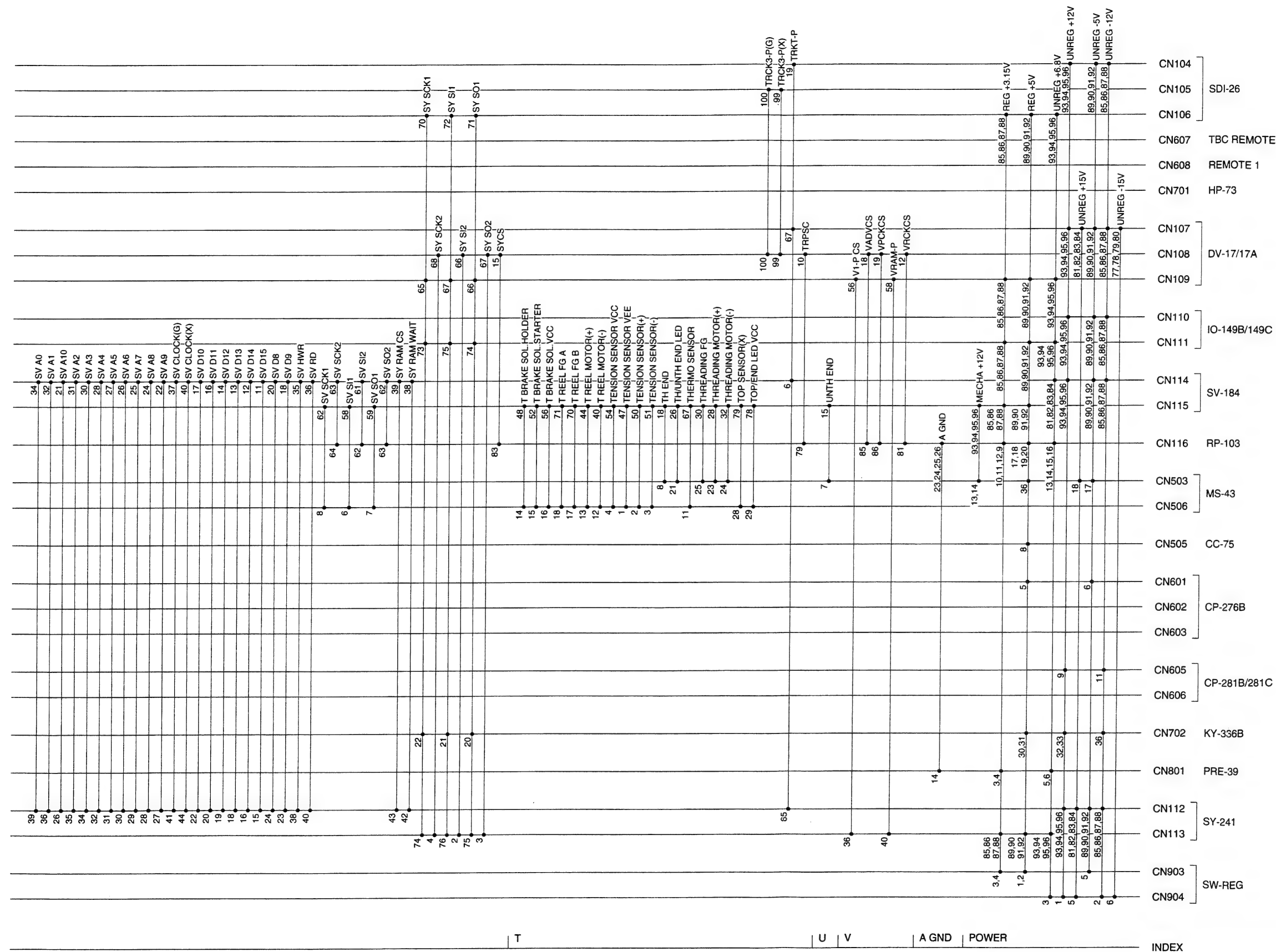
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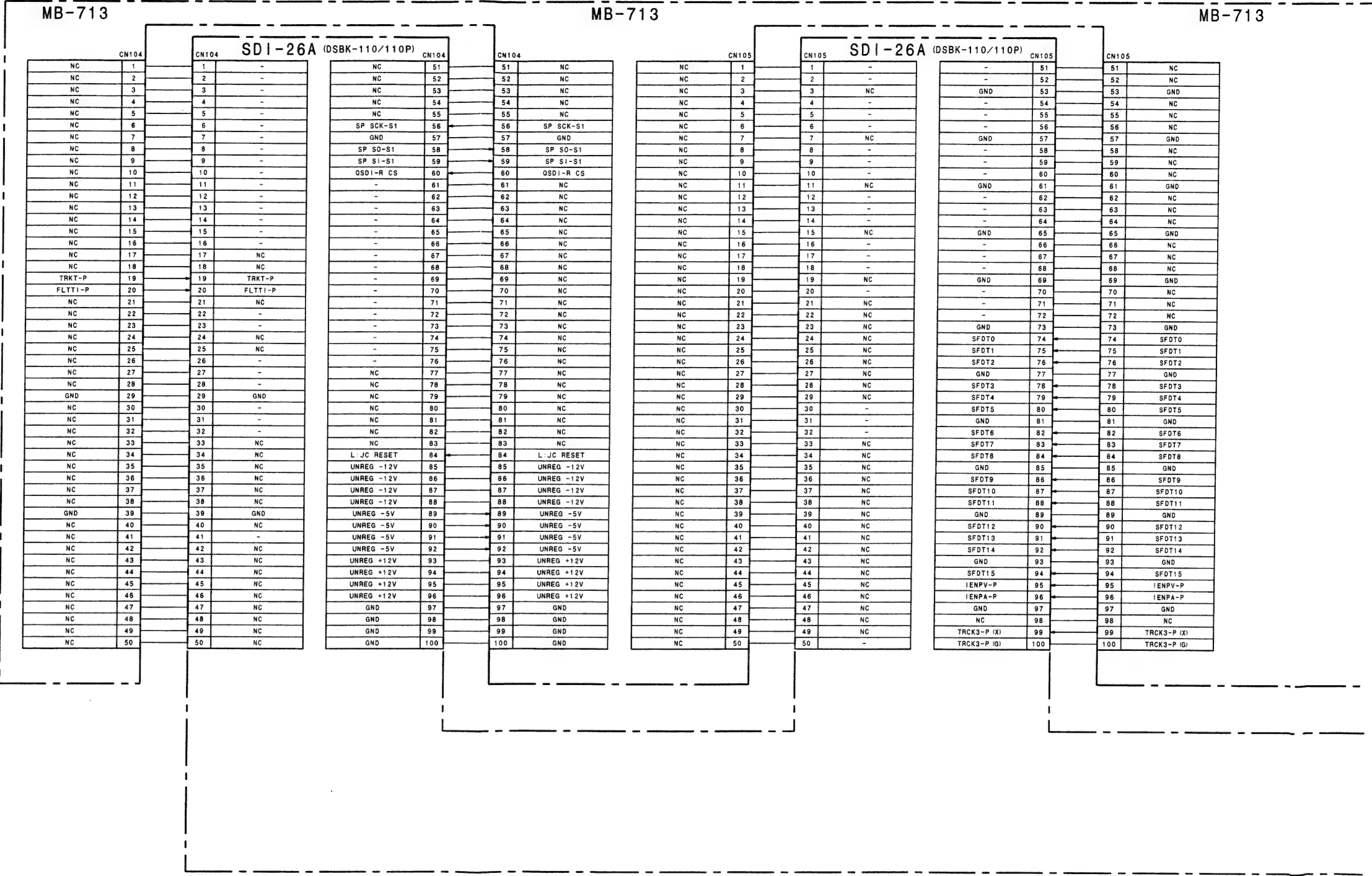
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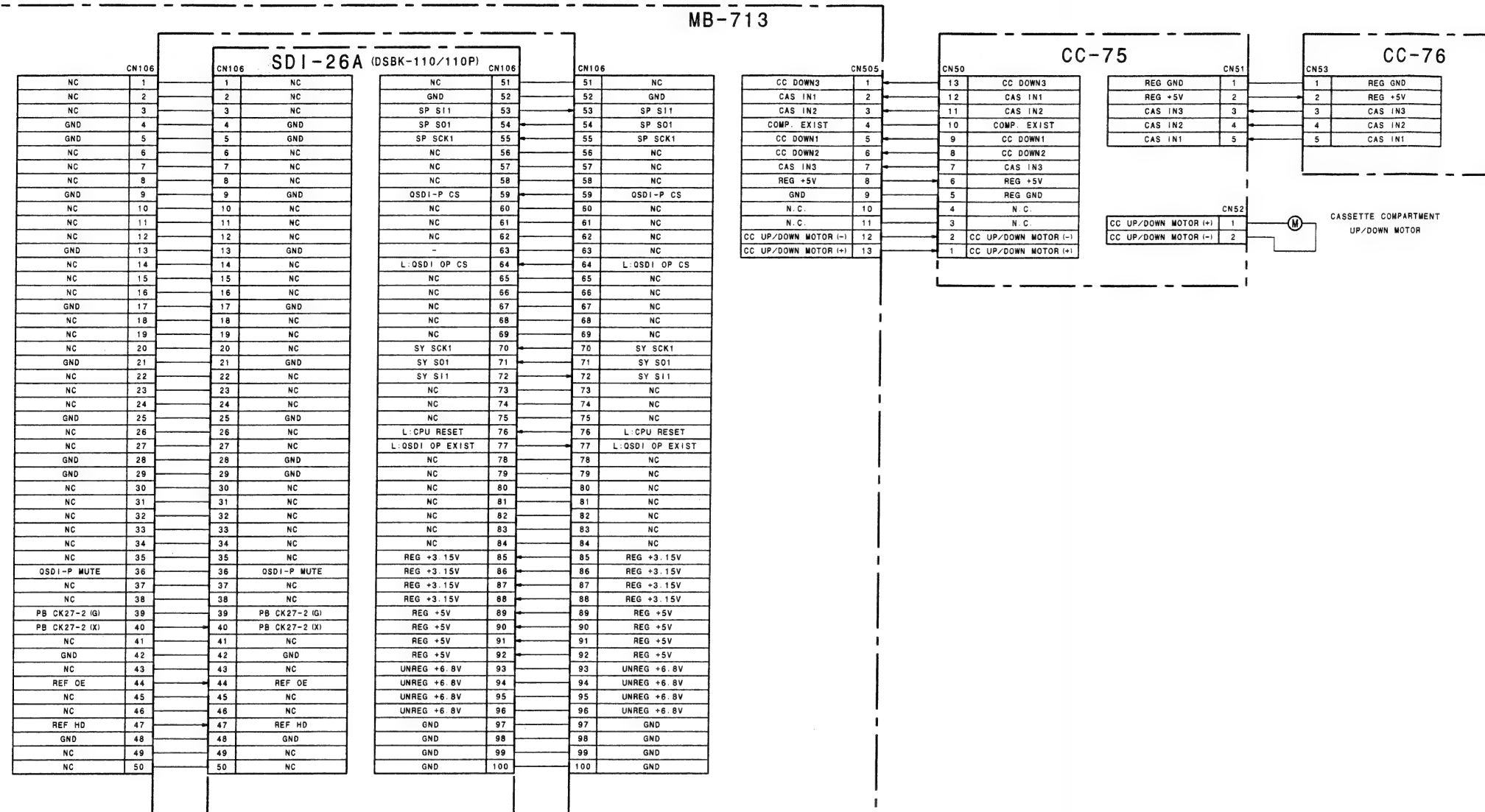
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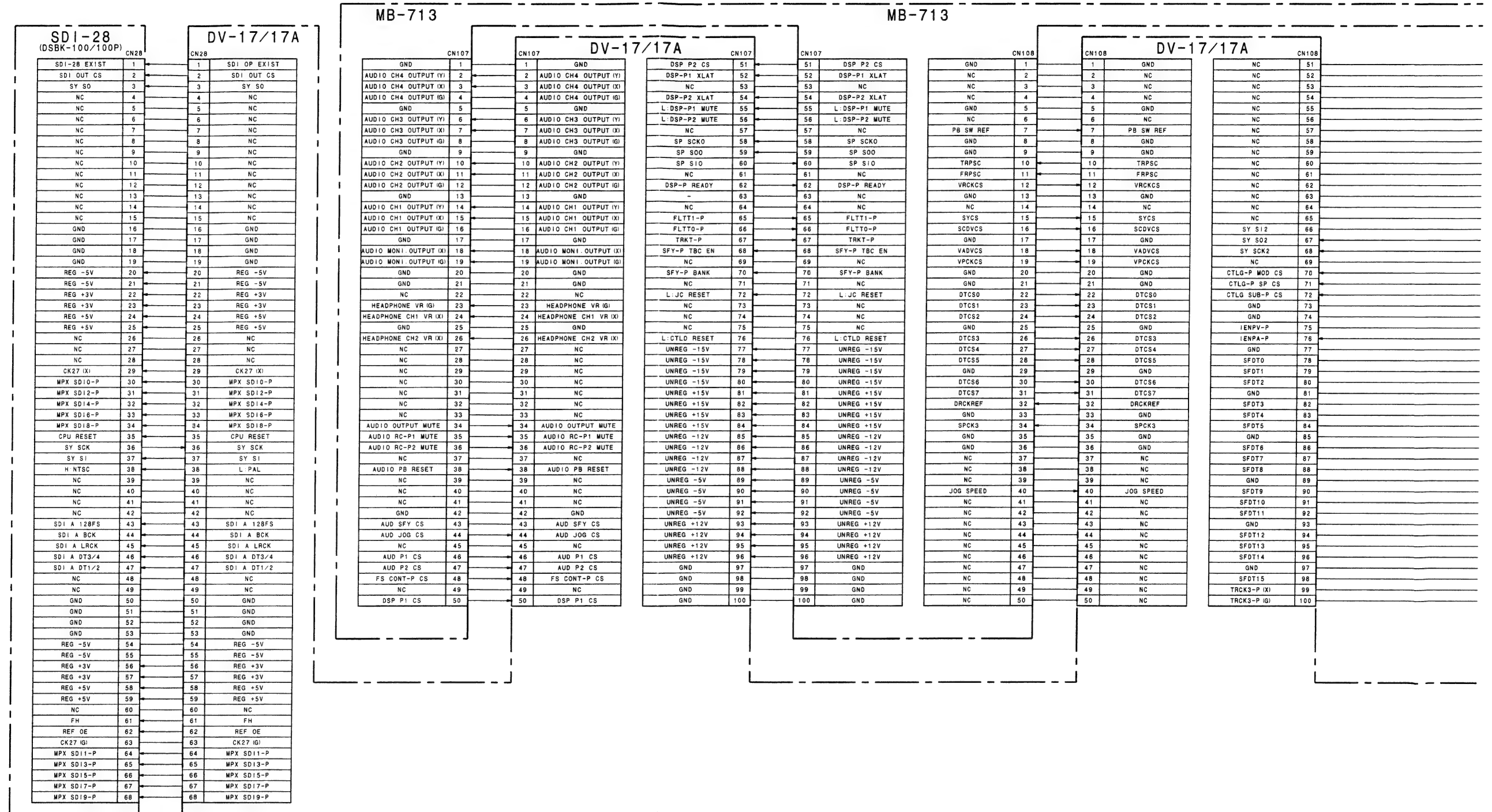
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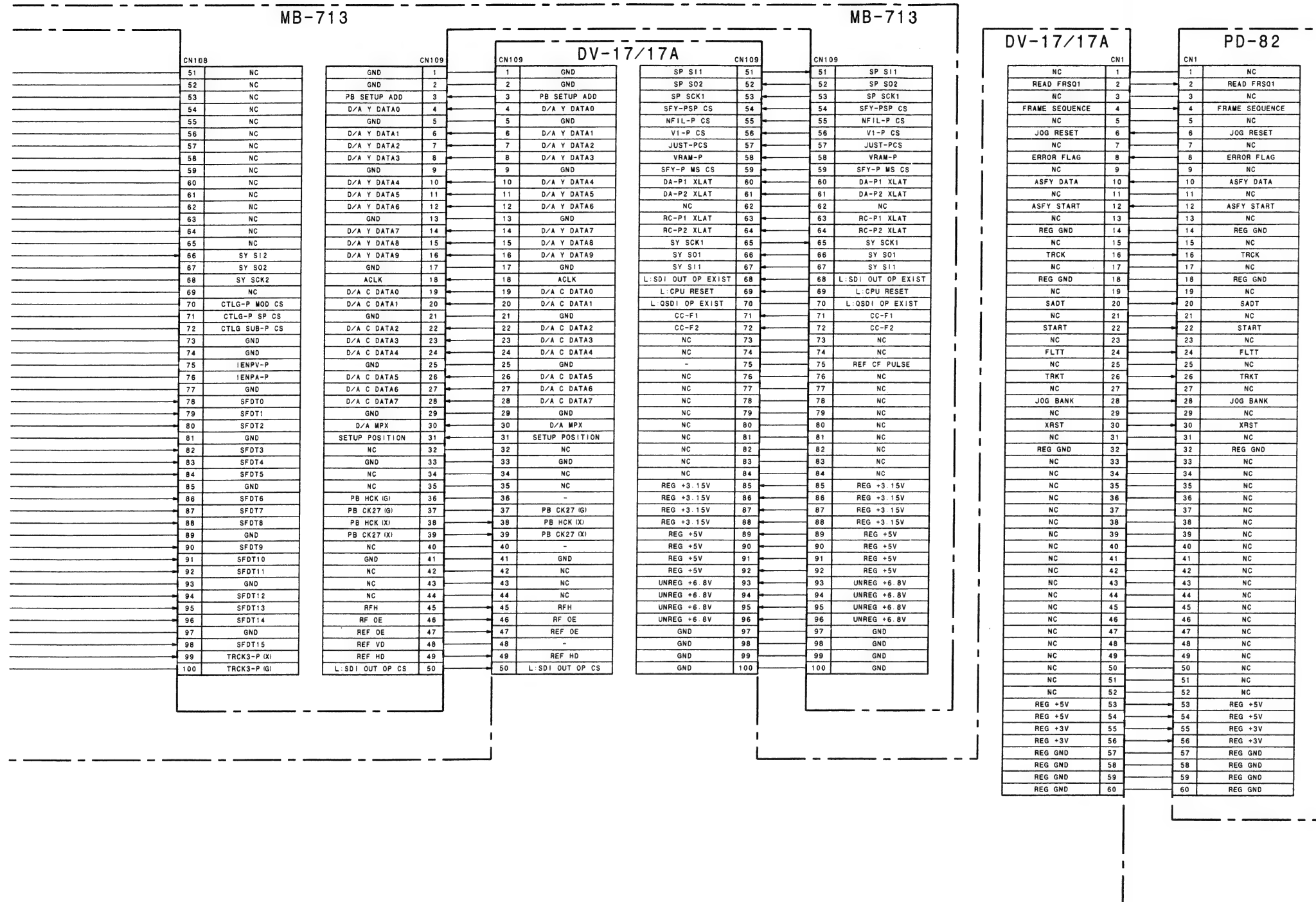
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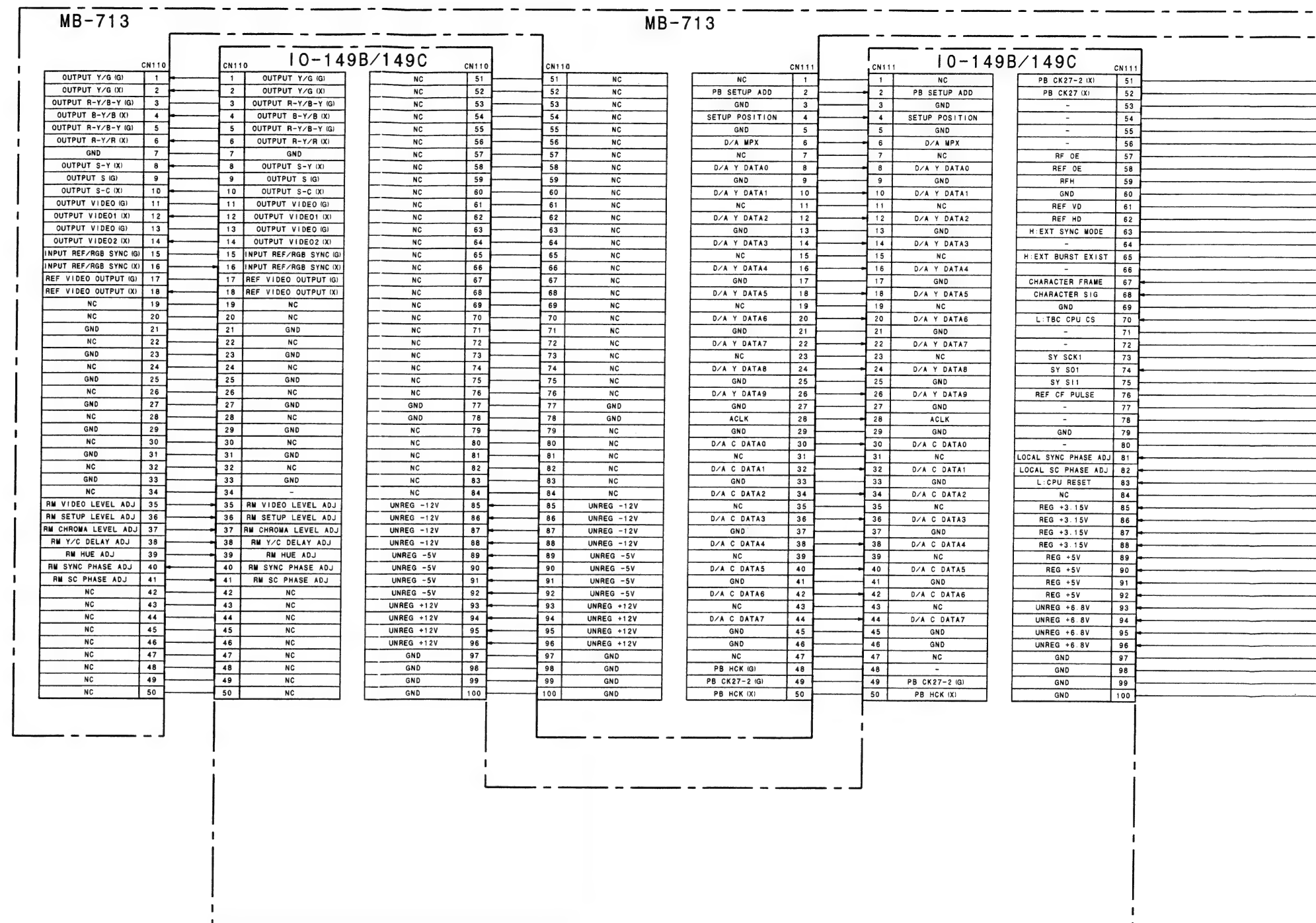
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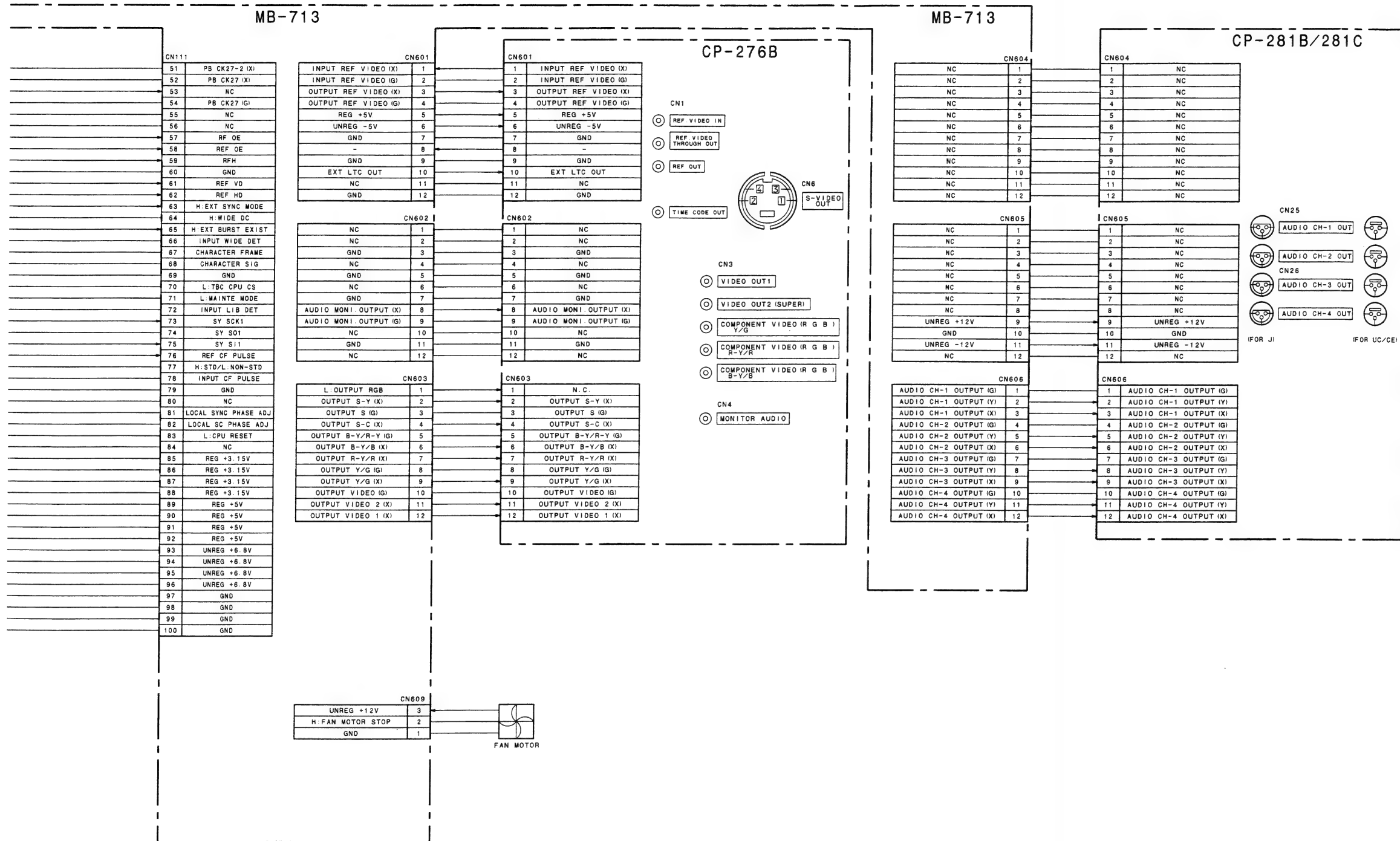
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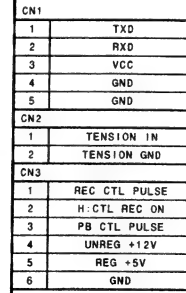


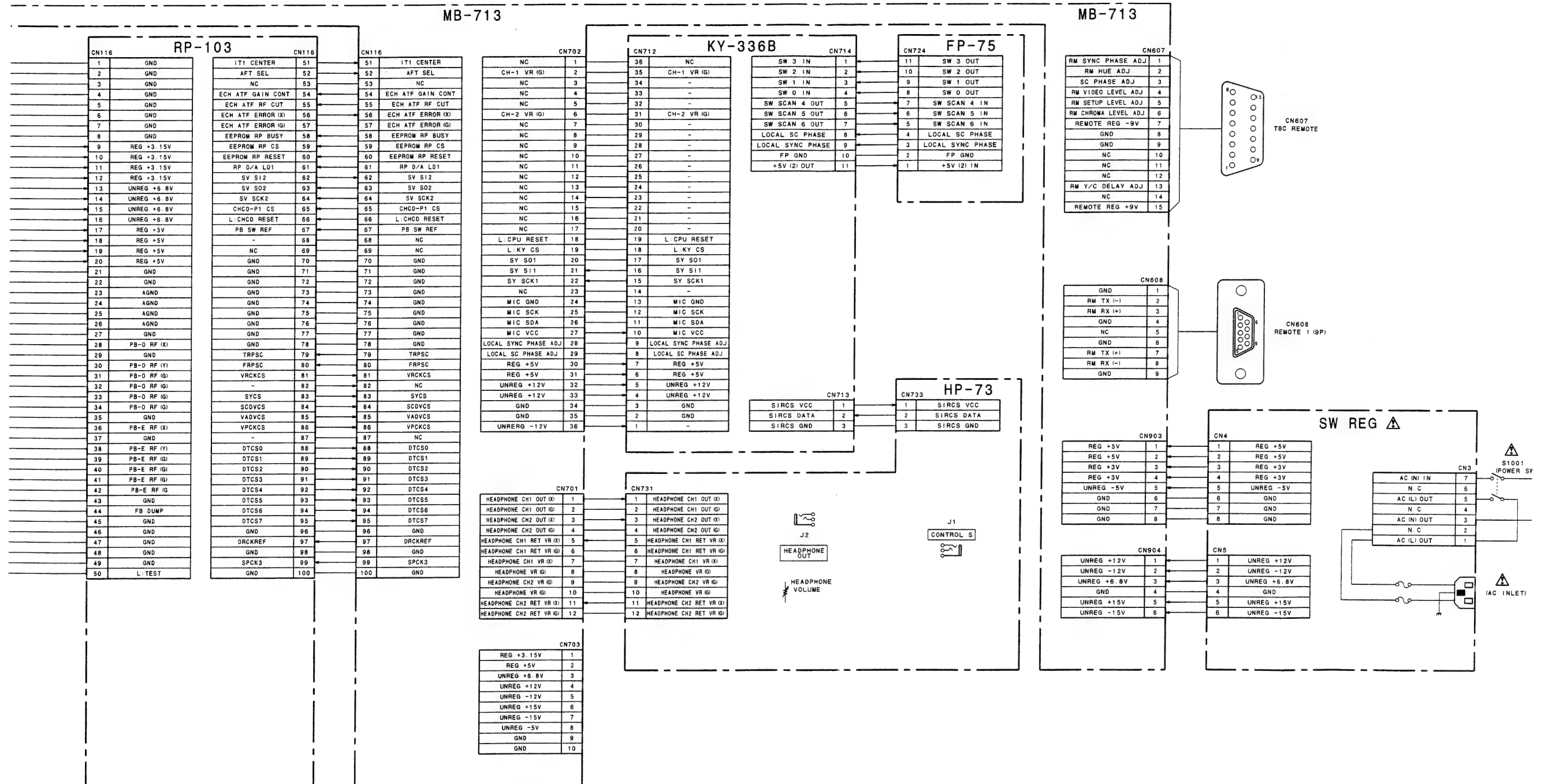






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1

2

3

4

5

MB-712

DA-119

| CN101                 | CN102 |
|-----------------------|-------|
| AUDIO CH-4 OUTPUT (I) | 1     |
| AUDIO CH-4 OUTPUT (I) | 2     |
| AUDIO CH-4 OUTPUT (I) | 3     |
| AUDIO CH-3 OUTPUT (I) | 4     |
| AUDIO CH-3 OUTPUT (I) | 5     |
| AUDIO CH-3 OUTPUT (I) | 6     |
| AUDIO CH-2 OUTPUT (I) | 7     |
| AUDIO CH-2 OUTPUT (I) | 8     |
| AUDIO CH-2 OUTPUT (I) | 9     |
| AUDIO CH-1 OUTPUT (I) | 10    |
| AUDIO CH-1 OUTPUT (I) | 11    |
| AUDIO CH-1 OUTPUT (I) | 12    |
| AUDIO MONI OUTPUT (I) | 13    |
| AUDIO MONI OUTPUT (I) | 14    |
| N.C.                  | 15    |
| N.C.                  | 16    |
| N.C.                  | 17    |
| N.C.                  | 18    |
| N.C.                  | 19    |
| N.C.                  | 20    |
| N.C.                  | 21    |
| N.C.                  | 22    |
| N.C.                  | 23    |
| N.C.                  | 24    |
| N.C.                  | 25    |
| N.C.                  | 26    |
| N.C.                  | 27    |
| N.C.                  | 28    |
| N.C.                  | 29    |
| N.C.                  | 30    |
| FLTT1-P2              | 31    |
| TRKT-P2               | 32    |
| FLTT1-R               | 33    |
| TRKT-R                | 34    |
| AUDIO-R IN            | 35    |
| FLTA-R                | 36    |
| N.C.                  | 37    |
| SPCK3-R               | 38    |
| N.C.                  | 39    |
| N.C.                  | 40    |
| AUDIO OUTPUT MUTE     | 41    |
| AUDIO RC-P2 MUTE      | 42    |
| AUDIO RC-P2 MUTE      | 43    |
| AUDIO PB RESET        | 44    |
| AUD SPY CS            | 45    |
| AUD JGG CS            | 46    |
| AUD-P1 CS             | 47    |
| AUD-P2 CS             | 48    |
| FS CONT-P CS          | 49    |
| DSP-P1 CS             | 50    |
| DSP-P2 CS             | 51    |
| DSP-P1 XLAT           | 52    |
| DSP-P2 XLAT           | 53    |
| L DSP-P1 MUTE         | 54    |
| L DSP-P2 MUTE         | 55    |
| SP SCK0               | 56    |
| SP S00                | 57    |
| SP S10                | 58    |
| DSP-P READY           | 59    |
| N.C.                  | 60    |
| GND                   | 61    |
| D1 A00                | 62    |
| D1 A01                | 63    |
| D1 A02                | 64    |
| D1 A03                | 65    |
| D1 A04                | 66    |
| D1 A05                | 67    |
| D1 A06                | 68    |
| D1 A07                | 69    |
| AES CS                | 70    |
| D1 A8                 | 71    |
| D1 A9                 | 72    |
| D1 ASTB               | 73    |
| D1 RD                 | 74    |
| D1 WR                 | 75    |
| D1 C STS CHG          | 76    |
| UNREG -15V            | 77    |
| UNREG -15V            | 78    |
| UNREG -15V            | 79    |
| UNREG -15V            | 80    |
| UNREG -15V            | 81    |
| UNREG -15V            | 82    |
| UNREG -15V            | 83    |
| UNREG -15V            | 84    |
| UNREG -12V            | 85    |
| UNREG -12V            | 86    |
| UNREG -12V            | 87    |
| UNREG -12V            | 88    |
| UNREG -5V             | 89    |
| UNREG -5V             | 90    |
| UNREG -5V             | 91    |
| UNREG -5V             | 92    |
| UNREG -12V            | 93    |
| UNREG -12V            | 94    |
| UNREG -12V            | 95    |
| UNREG -12V            | 96    |
| GND                   | 97    |
| GND                   | 98    |
| GND                   | 99    |
| GND                   | 100   |

DA-119

| CN103                 | CN104 |
|-----------------------|-------|
| SDIA REC DT1/2        | 1     |
| SDIA REC DT3/4        | 2     |
| SDIA REC BCK          | 3     |
| SDIA REC LRCK         | 4     |
| N.C.                  | 5     |
| SDIA REC ERR2         | 6     |
| SDIA REC ERR1         | 7     |
| N.C.                  | 8     |
| SDI A DT3/4 OUT       | 9     |
| SDI A DT1/2 OUT       | 10    |
| SDI A BCK OUT         | 11    |
| N.C.                  | 12    |
| SDI A 128FS OUT       | 13    |
| SDI A LRCK OUT        | 14    |
| AES IN DT1/2          | 15    |
| N.C.                  | 16    |
| AES IN LRCK1/2        | 17    |
| AES IN BCK1/2         | 18    |
| AES IN ERR1/2         | 19    |
| N.C.                  | 20    |
| AES IN DT3/4          | 21    |
| AES IN 256FS1/2       | 22    |
| AES IN LRCK3/4        | 23    |
| N.C.                  | 24    |
| AES IN ERR3/4         | 25    |
| AES IN BCK3/4         | 26    |
| AES IN 256FS3/4       | 27    |
| N.C.                  | 28    |
| N.C.                  | 29    |
| N.C.                  | 30    |
| N.C.                  | 31    |
| TRCK4-R IN            | 32    |
| N.C.                  | 33    |
| AUD-R IN              | 34    |
| AUD-R OUT             | 35    |
| SADT-R IN             | 36    |
| N.C.                  | 37    |
| START-R IN            | 38    |
| N.C.                  | 39    |
| N.C.                  | 40    |
| HEADPHONE VR (I)      | 41    |
| HEADPHONE CH-2 VR (I) | 42    |
| N.C.                  | 43    |
| N.C.                  | 44    |
| N.C.                  | 45    |
| SPCK3-P               | 46    |
| N.C.                  | 47    |
| START-P IN            | 48    |
| N.C.                  | 49    |
| SYCS IN               | 50    |
| VADVCS IN             | 51    |
| VPCCKS IN             | 52    |
| GND                   | 53    |
| DTCS0 IN              | 54    |
| DTCS1 IN              | 55    |
| DTCS2 IN              | 56    |
| GND                   | 57    |
| DTCS3 IN              | 58    |
| DTCS4 IN              | 59    |
| DTCS5 IN              | 60    |
| GND                   | 61    |
| DTCS6 IN              | 62    |
| DTCS7 IN              | 63    |
| GND                   | 64    |
| N.C.                  | 65    |
| N.C.                  | 66    |
| N.C.                  | 67    |
| N.C.                  | 68    |
| N.C.                  | 69    |
| N.C.                  | 70    |
| AUDIO CH-3 VR RET (I) | 71    |
| AUDIO CH-3 VR RET (I) | 72    |
| AUDIO CH-2 VR RET (I) | 73    |
| AUDIO CH-2 VR RET (I) | 74    |
| N.C.                  | 75    |
| N.C.                  | 76    |
| N.C.                  | 77    |
| N.C.                  | 78    |
| AUDIO CH-4 VR RET (I) | 79    |
| AUDIO CH-4 VR RET (I) | 80    |
| N.C.                  | 81    |
| N.C.                  | 82    |
| N.C.                  | 83    |
| N.C.                  | 84    |
| REG +3.15V            | 85    |
| REG +3.15V            | 86    |
| REG +3.15V            | 87    |
| REG +3.15V            | 88    |
| REG +5V               | 89    |
| REG +5V               | 90    |
| REG +5V               | 91    |
| REG +5V               | 92    |
| UNREG +6.8V           | 93    |
| UNREG +6.8V           | 94    |
| UNREG +6.8V           | 95    |
| UNREG +6.8V           | 96    |
| GND                   | 97    |
| GND                   | 98    |
| GND                   | 99    |
| GND                   | 100   |

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| CN104              | CN105 |
|--------------------|-------|
| AES OUTPUT 1/2 (I) | 1     |
| AES OUTPUT 1/2 (I) | 2     |
| AES OUTPUT 1/2 (I) | 3     |
| AES OUTPUT 1/2 (I) | 4     |
| AES OUTPUT 3/4 (I) | 5     |
| AES OUTPUT 3/4 (I) | 6     |
| AES OUTPUT 3/4 (I) | 7     |
| AES OUTPUT 3/4 (I) | 8     |
| AES INPUT 1/2 (I)  | 9     |
| AES INPUT 1/2 (I)  | 10    |
| AES INPUT 1/2 (I)  | 11    |
| AES INPUT 1/2 (I)  | 12    |
| AES INPUT 3/4 (I)  | 13    |
| AES INPUT 3/4 (I)  | 14    |
| AES INPUT 3/4 (I)  | 15    |
| AES INPUT 3/4 (I)  | 16    |
| N.C.               | 17    |
| N.C.               | 18    |
| TRKT-P2            | 19    |
| FLTT1-P2           | 20    |
| N.C.               | 21    |
| TRKT-R             | 22    |
| FLTT1-R            | 23    |
| FLTA-R             | 24    |
| N.C.               | 25    |
| OSDI P             | 26    |
| OSDI V             | 27    |
| OSDI H             | 28    |
| N.C.               | 29    |
| OSDI SYNC          | 30    |
| OSDI 13M (I)       | 31    |
| OSDI 13M (I)       | 32    |
| N.C.               | 33    |
| N.C.               | 34    |
| N.C.               | 35    |
| N.C.               | 36    |
| N.C.               | 37    |
| N.C.               | 38    |
| N.C.               | 39    |
| N.C.               | 40    |
| AUDIO OUTPUT MUTE  | 41    |
| N.C.               | 42    |
| N.C.               | 43    |
| N.C.               | 44    |
| N.C.               | 45    |
| N.C.               | 46    |
| N.C.               | 47    |
| N.C.               | 48    |
| N.C.               | 49    |
| N.C.               | 50    |
| N.C.               | 51    |
| N.C.               | 52    |
| N.C.               | 53    |
| N.C.               | 54    |
| N.C.               | 55    |
| SP SCK-S1          | 56    |
| GND                | 57    |
| SP S0-S1           | 58    |
| SP S1-S1           | 59    |
| OSDI-R CS          | 60    |
| AES CS             | 61    |
| D1 A00             | 62    |
| D1 A01             | 63    |
| D1 A02             | 64    |
| D1 A03             | 65    |
| D1 A04             | 66    |
| D1 A05             | 67    |
| D1 A06             | 68    |
| D1 A07             | 69    |
| D1 CS              | 70    |
| D1 A8              | 71    |
| D1 A9              | 72    |
| D1 ASTB            | 73    |
| D1 RD              | 74    |
| D1 WR              | 75    |
| AES STS CHG        | 76    |
| N.C.               | 77    |
| N.C.               | 78    |
| N.C.               | 79    |
| N.C.               | 80    |
| N.C.               | 81    |
| N.C.               | 82    |
| N.C.               | 83    |
| L JC RESET         | 84    |
| UNREG -12V         | 85    |
| UNREG -12V         | 86    |
| UNREG -12V         | 87    |
| UNREG -12V         | 88    |
| UNREG -5V          | 89    |
| UNREG -5V          | 90    |
| UNREG -5V          | 91    |
| UNREG -5V          | 92    |
| UNREG +12V         | 93    |
| UNREG +12V         | 94    |
| UNREG +12V         | 95    |
| UNREG +12V         | 96    |
| GND                | 97    |
| GND                | 98    |
| GND                | 99    |
| GND                | 100   |

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SDI-26

| CN105             | CN106 |
|-------------------|-------|
| SDI A DT1/2       | 1     |
| SDI A DT3/4       | 2     |
| N.C.              | 3     |
| SDI A BCK         | 4     |
| SDI A LRCK        | 5     |
| SDI A 128FS       | 6     |
| N.C.              | 7     |
| AES IN DT1/2      | 8     |
| AES IN BCK1/2     | 9     |
| AES IN LRCK1/2    | 10    |
| N.C.              | 11    |
| AES IN ERR1/2     | 12    |
| AES IN 256FS1/2   | 13    |
| AES IN DT3/4      | 14    |
| N.C.              | 15    |
| AES IN LRCK3/4    | 16    |
| AES IN BCK3/4     | 17    |
| AES IN ERR3/4     | 18    |
| N.C.              | 19    |
| AES IN 256FS3/4   | 20    |
| AES IN 256FS3/4   | 21    |
| N.C.              | 22    |
| N.C.              | 23    |
| N.C.              | 24    |
| N.C.              | 25    |
| N.C.              | 26    |
| N.C.              | 27    |
| N.C.              | 28    |
| N.C.              | 29    |
| OSDI SYNC         | 30    |
| OSDI 13M (I)      | 31    |
| OSDI 13M (I)      | 32    |
| N.C.              | 33    |
| N.C.              | 34    |
| N.C.              | 35    |
| N.C.              | 36    |
| N.C.              | 37    |
| N.C.              | 38    |
| N.C.              | 39    |
| N.C.              | 40    |
| AUDIO OUTPUT MUTE | 41    |
| N.C.              | 42    |
| N.C.              | 43    |
| N.C.              | 44    |
| N.C.              | 45    |
| N.C.              | 46    |
| N.C.              | 47    |
| N.C.              | 48    |
| N.C.              | 49    |
| N.C.              | 50    |
| BUPOS             | 51    |
| OSDI-R            | 52    |
| GND               | 53    |
| OSDI-R            | 54    |
| OSDI-R            | 55    |
| OSDI-R            | 56    |
| OSDI-R            | 57    |
| OSDI-R            | 58    |
| OSDI-R            | 59    |
| OSDI-R            | 60    |
| N.C.              | 61    |
| OSDI-R            | 62    |
| OSDI-R            | 63    |
| OSDI-R            | 64    |
| N.C.              | 65    |
| N.C.              | 66    |
| N.C.              | 67    |
| N.C.              | 68    |
| N.C.              | 69    |
| SY SCK1           | 70    |
| SY S01            | 71    |
| SY S11            | 72    |
| N.C.              | 73    |
| N.C.              | 74    |
| N.C.              | 75    |
| N.C.              | 76    |
| L OSDI OP EXIST   | 77    |
| N.C.              | 78    |
| N.C.              | 79    |
| N.C.              | 80    |
| N.C.              | 81    |
| N.C.              | 82    |
| N.C.              | 83    |
| N.C.              | 84    |
| REG +3.15V        | 85    |
| REG +3.15V        | 86    |
| REG +3.15V        | 87    |
| REG +3.15V        | 88    |
| REG +5V           | 89    |
| REG +5V           | 90    |
| REG +5V           | 91    |
| REG +5V           | 92    |
| UNREG +6.8V       | 93    |
| UNREG +6.8V       | 94    |
| UNREG +6.8V       | 95    |
| UNREG +6.8V       | 96    |
| GND               | 97    |
| GND               | 98    |
| GND               | 99    |
| GND               | 100   |

A

B

C

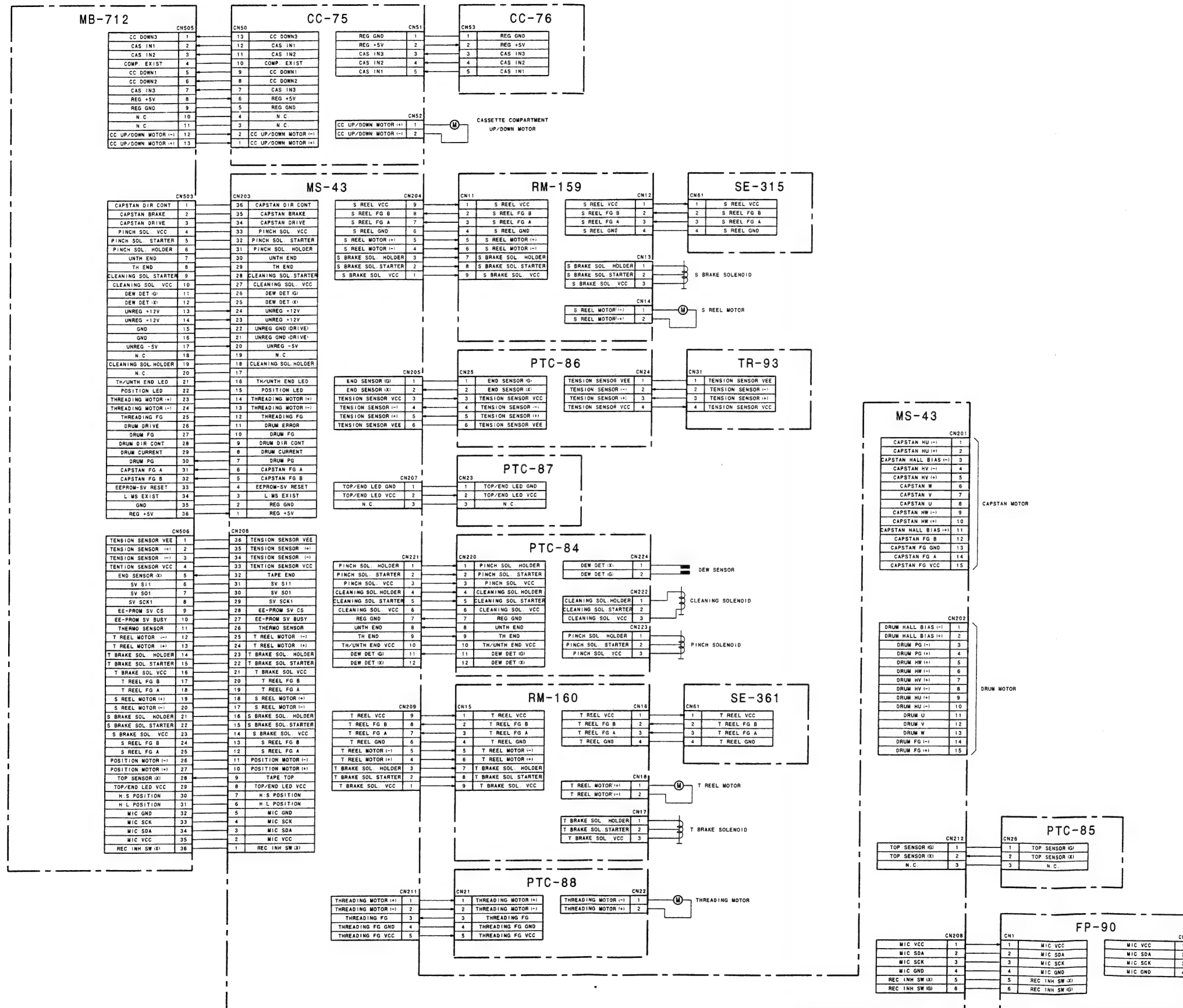
D

E

F

G

H



1

2

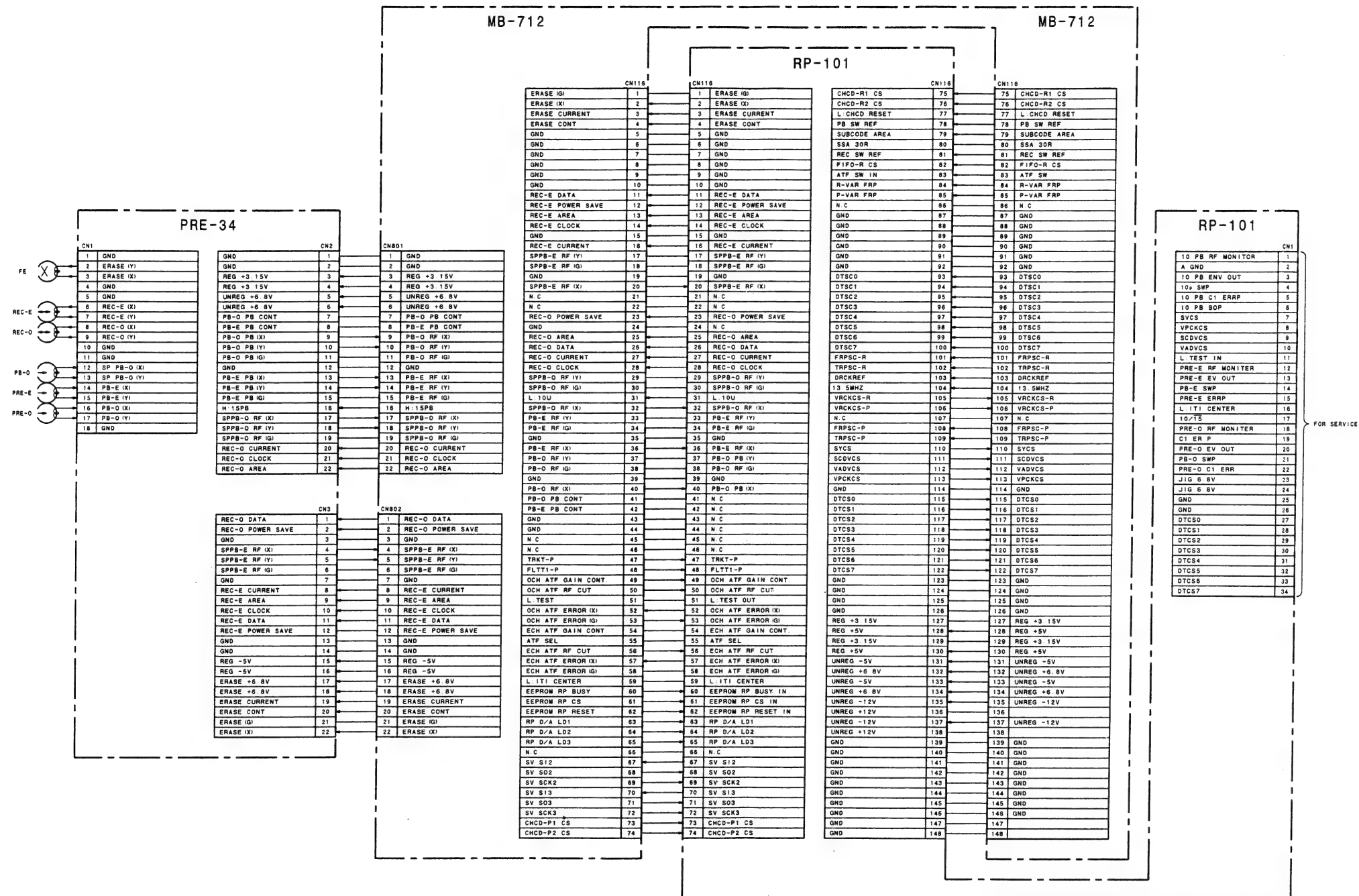
3

4

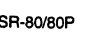
5

| DV-15/DV-15A         |     | MB-712               |     | DV-15/DV-15A |     | MB-712             |     |
|----------------------|-----|----------------------|-----|--------------|-----|--------------------|-----|
| CN107                |     | CN107                |     | CN108        |     | CN109              |     |
| P-VAR FRP            | 1   | P-VAR FRP            | 1   | N.C.         | 1   | SY S12             | 1   |
| R-VAR FRP            | 2   | R-VAR FRP            | 2   | N.C.         | 2   | SY S02             | 2   |
| LVD                  | 3   | LVD                  | 3   | N.C.         | 3   | SY SCK2            | 3   |
| SDI CFP1             | 4   | SDI CFP1             | 4   | N.C.         | 4   | CTLG-P MOD CS      | 4   |
| SDI CFP2             | 5   | SDI CFP2             | 5   | N.C.         | 5   | CTLG-P SP CS       | 5   |
| TRKT-P2              | 6   | TRKT-P2              | 6   | N.C.         | 6   | CTLG SUB-P CS      | 6   |
| SDI CFP0             | 7   | SDI CFP0             | 7   | N.C.         | 7   | CTLG-R MOD CS      | 7   |
| TRKT-R               | 8   | TRKT-R               | 8   | N.C.         | 8   | CTLG-R SP CS       | 8   |
| FLTT1-P2             | 9   | FLTT1-P2             | 9   | REC SW REF   | 9   | GND                | 9   |
| TRKT-P               | 10  | TRKT-P               | 10  | DTSC0        | 10  | PB SETUP ADD       | 10  |
| FLTT1-R              | 11  | FLTT1-R              | 11  | DTSC1        | 11  | D/A Y DATA 0       | 11  |
| FLTA-R               | 12  | FLTA-R               | 12  | DTSC2        | 12  | D/A Y DATA 1       | 12  |
| FLTT1-P              | 13  | GND                  | 13  | DTSC3        | 13  | GND                | 13  |
| FLTT1-R              | 14  | FLTT1-P              | 14  | DTSC4        | 14  | D/A Y DATA 2       | 14  |
| QSD1 F               | 15  | QSD1 F               | 15  | DTSC5        | 15  | D/A Y DATA 3       | 15  |
| QSD1 V               | 16  | QSD1 V               | 16  | DTSC6        | 16  | D/A Y DATA 4       | 16  |
| N.C.                 | 17  | N.C.                 | 17  | DTSC7        | 17  | GND                | 17  |
| QSD1 H               | 18  | QSD1 H               | 18  | FRPSC-R      | 18  | D/A Y DATA 5       | 18  |
| QSD1 SYNC            | 19  | QSD1 SYNC            | 19  | TRPSC-R      | 19  | D/A Y DATA 6       | 19  |
| QSD1 CK13 (X)        | 20  | QSD1 13W (X)         | 20  | DRCKREF      | 20  | D/A Y DATA 7       | 20  |
| QSD1 CK13 (Y)        | 21  | QSD1 13W (Y)         | 21  | 13 SMHZ      | 21  | GND                | 21  |
| SPCK3-R              | 22  | SPCK3-R              | 22  | VRCKCS-R     | 22  | D/A Y DATA 8       | 22  |
| N.C.                 | 23  | N.C.                 | 23  | LENPA-R      | 23  | D/A Y DATA 9       | 23  |
| H INCAM/INT          | 24  | H INCAM/INT          | 24  | LENPA-R      | 24  | ACLK               | 24  |
| N.C.                 | 25  | DIGITAL SYNC (X)     | 25  | TRCK4-R      | 25  | GND                | 25  |
| DIGITAL SYNC         | 26  | DIGITAL SYNC (Y)     | 26  | N.C.         | 26  | D/A C DATA 0       | 26  |
| GND                  | 27  | GND                  | 27  | TRCK3-R      | 27  | D/A C DATA 1       | 27  |
| H INPUT SETUP REMOVE | 28  | H INPUT SETUP REMOVE | 28  | L 10U        | 28  | D/A C DATA 2       | 28  |
| CAM SC               | 29  | CAM SC               | 29  | AUEN-R       | 29  | GND                | 29  |
| CAM H                | 30  | CAM H                | 30  | ADTO-R       | 30  | D/A C DATA 3       | 30  |
| ADY VRB              | 31  | ADY VRB              | 31  | SADT-R       | 31  | D/A C DATA 4       | 31  |
| ADY CLAMP PULSE      | 32  | ADY CLAMP PULSE      | 32  | N.C.         | 32  | D/A C DATA 5       | 32  |
| N.C.                 | 33  | N.C.                 | 33  | START-R      | 33  | GND                | 33  |
| N.C.                 | 34  | N.C.                 | 34  | N.C.         | 34  | D/A C DATA 6       | 34  |
| A/D Y SIGNAL (X)     | 35  | A/D Y SIGNAL (X)     | 35  | BUPOS        | 35  | D/A C DATA 7       | 35  |
| A/D Y SIGNAL (Y)     | 36  | A/D Y SIGNAL (Y)     | 36  | QSD1 XEN     | 36  | D/A MPX            | 36  |
| A/D Y SIGNAL (Z)     | 37  | A/D Y SIGNAL (Z)     | 37  | GND          | 37  | GND                | 37  |
| N.C.                 | 38  | N.C.                 | 38  | QSDT0-R      | 38  | SETUP POSITION     | 38  |
| A/D B-Y SIGNAL (X)   | 39  | A/D B-Y SIGNAL (X)   | 39  | QSDT1-R      | 39  | SPCK3-P            | 39  |
| A/D B-Y SIGNAL (Y)   | 40  | A/D B-Y SIGNAL (Y)   | 40  | QSDT2-R      | 40  | PB HCK (X)         | 40  |
| A/D B-Y SIGNAL (Z)   | 41  | A/D B-Y SIGNAL (Z)   | 41  | QSDT3-R      | 41  | N.C.               | 41  |
| N.C.                 | 42  | N.C.                 | 42  | QSDT4-R      | 42  | PB HCK (Y)         | 42  |
| A/D R-Y SIGNAL (X)   | 43  | A/D R-Y SIGNAL (X)   | 43  | QSDT5-R      | 43  | N.C.               | 43  |
| A/D R-Y SIGNAL (Y)   | 44  | A/D R-Y SIGNAL (Y)   | 44  | QSDT6-R      | 44  | N.C.               | 44  |
| A/D R-Y SIGNAL (Z)   | 45  | A/D R-Y SIGNAL (Z)   | 45  | GND          | 45  | PB CK27 (X)        | 45  |
| N.C.                 | 46  | N.C.                 | 46  | QSDT7-R      | 46  | PB CK27 (Y)        | 46  |
| FLTT0-P              | 47  | FLTT0-P              | 47  | QSDT8-R      | 47  | REF OE             | 47  |
| SPY-P TBC EN         | 48  | SPY-P TBC EN         | 48  | QSDT9-R      | 48  | RFH                | 48  |
| SPY-P BANK           | 49  | SPY-P BANK           | 49  | GND          | 49  | N.C.               | 49  |
| L JC RESET           | 50  | L JC RESET           | 50  | QSDT10-R     | 50  | RF OE              | 50  |
| SP SCK-S1            | 51  | SP SCK-S1            | 51  | QSDT11-R     | 51  | REF HO             | 51  |
| SP S0-S1             | 52  | SP S0-S1             | 52  | QSDT12-R     | 52  | N.C.               | 52  |
| SP S1-S1             | 53  | SP S1-S1             | 53  | QSDT13-R     | 53  | CC-F1              | 53  |
| SPY-R MS CS          | 54  | SPY-R MS CS          | 54  | QSDT14-R     | 54  | N.C.               | 54  |
| L CTLG RESET         | 55  | L CTLG RESET         | 55  | QSDT15-R     | 55  | L SDI OUT OP CS    | 55  |
| SPY-R SP CS          | 56  | SPY-R SP CS          | 56  | GND          | 56  | SP S11             | 56  |
| NFIL-R CS            | 57  | NFIL-R CS            | 57  | GND          | 57  | SP S01             | 57  |
| V1-R CS              | 58  | V1-R CS              | 58  | GND          | 58  | SP SCK1            | 58  |
| CC-DECODER CS        | 59  | CC-DECODER CS        | 59  | SFD0T0       | 59  | SPY-P SP CS        | 59  |
| VRAM-R WE            | 60  | VRAM-R WE            | 60  | SFD0T1       | 60  | NFIL-P CS          | 60  |
| N.C.                 | 61  | GND                  | 61  | SFD0T2       | 61  | V1-P CS            | 61  |
| SPY-R BANK           | 62  | SPY-R BANK           | 62  | SFD0T3       | 62  | JUST-P CS          | 62  |
| D1 AD1               | 63  | D1 AD1               | 63  | GND          | 63  | SPY-P MS CS        | 63  |
| D1 AD2               | 64  | D1 AD2               | 64  | SFD0T4       | 64  | VRAM-P WE          | 64  |
| D1 AD3               | 65  | D1 AD3               | 65  | SFD0T5       | 65  | N.C.               | 65  |
| D1 AD4               | 66  | D1 AD4               | 66  | SFD0T6       | 66  | TRKT-R2            | 66  |
| D1 AD5               | 67  | D1 AD5               | 67  | SFD0T7       | 67  | CC-F2              | 67  |
| D1 AD6               | 68  | D1 AD6               | 68  | SFD0T8       | 68  | FLTT0-R            | 68  |
| D1 AD7               | 69  | D1 AD7               | 69  | SFD0T9       | 69  | N.C.               | 69  |
| D1 AD8               | 70  | D1 AD8               | 70  | SFD0T10      | 70  | SDI A DT1/2        | 70  |
| D1 CS                | 71  | D1 CS                | 71  | GND          | 71  | SDI A DT3/4        | 71  |
| D1 ASTB              | 72  | D1 ASTB              | 72  | SFD0T11      | 72  | SDI A BCK          | 72  |
| D1 A9                | 73  | D1 A9                | 73  | SFD0T12      | 73  | SDI A LRCK         | 73  |
| D1 WR                | 74  | D1 WR                | 74  | SFD0T13      | 74  | SDI A 128FS        | 74  |
| D1 RD                | 75  | D1 RD                | 75  | SFD0T14      | 75  | N.C.               | 75  |
| N.C.                 | 76  | D1 RD                | 76  | SFD0T15      | 76  | N.C.               | 76  |
| SDIA REC DT1/2       | 77  | GND                  | 77  | GND          | 77  | SY S01             | 77  |
| SDIA REC DT3/4       | 78  | SDIA REC DT1/2       | 78  | LENPA-P      | 78  | SY SCK1            | 78  |
| SDIA REC LRCK        | 79  | SDIA REC DT3/4       | 79  | TRCK3-P      | 79  | N.C.               | 79  |
| SDIA REC BCK         | 80  | SDIA REC LRCK        | 80  | SADT-P       | 80  | SY S11             | 80  |
| SDIA REC 256FS       | 81  | SDIA REC BCK         | 81  | TRCK4-P      | 81  | L SDI OUT OP EXIST | 81  |
| SDIA REC ERR1        | 82  | SDIA REC 256FS       | 82  | START-P      | 82  | L SDI IN OP EXIST  | 82  |
| SDIA REC ERR2        | 83  | SDIA REC ERR1        | 83  | N.C.         | 83  | L OSD1 OP EXIST    | 83  |
| N.C.                 | 84  | UNREG -12V           | 84  | UNREG -12V   | 84  | L CPU RESET        | 84  |
| N.C.                 | 85  | UNREG -12V           | 85  | UNREG -12V   | 85  | REG +3.15V         | 85  |
| N.C.                 | 86  | UNREG -12V           | 86  | UNREG -12V   | 86  | REG +3.15V         | 86  |
| N.C.                 | 87  | UNREG -12V           | 87  | UNREG -12V   | 87  | REG +3.15V         | 87  |
| N.C.                 | 88  | UNREG -12V           | 88  | UNREG -12V   | 88  | REG +3.15V         | 88  |
| N.C.                 | 89  | UNREG -12V           | 89  | UNREG -12V   | 89  | REG +3.15V         | 89  |
| N.C.                 | 90  | UNREG -12V           | 90  | UNREG -12V   | 90  | REG +3.15V         | 90  |
| N.C.                 | 91  | UNREG -12V           | 91  | UNREG -12V   | 91  | REG +3.15V         | 91  |
| N.C.                 | 92  | UNREG -12V           | 92  | UNREG -12V   | 92  | REG +3.15V         | 92  |
| N.C.                 | 93  | UNREG -12V           | 93  | UNREG -12V   | 93  | REG +3.15V         | 93  |
| N.C.                 | 94  | UNREG -12V           | 94  | UNREG -12V   | 94  | REG +3.15V         | 94  |
| N.C.                 | 95  | UNREG -12V           | 95  | UNREG -12V   | 95  | REG +3.15V         | 95  |
| N.C.                 | 96  | UNREG -12V           | 96  | UNREG -12V   | 96  | REG +3.15V         | 96  |
| N.C.                 | 97  | UNREG -12V           | 97  | UNREG -12V   | 97  | REG +3.15V         | 97  |
| N.C.                 | 98  | UNREG -12V           | 98  | UNREG -12V   | 98  | REG +3.15V         | 98  |
| N.C.                 | 99  | UNREG -12V           | 99  | UNREG -12V   | 99  | REG +3.15V         | 99  |
| N.C.                 | 100 | UNREG -12V           | 100 | UNREG -12V   | 100 | REG +3.15V         | 100 |

| SDI-27           |    | DV-15/DV-15A     |    | SDI-28         |    |
|------------------|----|------------------|----|----------------|----|
| CN27             |    | CN27             |    | CN27           |    |
| MPX SD19-R       | 1  | MPX SD19-R       | 1  | L SDI-28 EXIST | 1  |
| MPX SD15-R       | 2  | MPX SD15-R       | 2  | SDI-28 CS      | 2  |
| MPX SD13-R       | 3  | MPX SD13-R       | 3  | SY S01         | 3  |
| MPX SD11-R       | 4  | MPX SD11-R       | 4  | N.C.           | 4  |
| SDI CK27         | 5  | SDI 27CK         | 5  | N.C.           | 5  |
| SDI F            | 6  | SDI 27CK         | 6  | N.C.           | 6  |
| SDI H            | 7  | SDI 27CK         | 7  | N.C.           | 7  |
| N.C.             | 8  | N.C.             | 8  | N.C.           | 8  |
| +5V              | 9  | REG +5V          | 9  | N.C.           | 9  |
| +3V              | 10 | REG +3V          | 10 | N.C.           | 10 |
| +1V              | 11 | REG +1V          | 11 | N.C.           | 11 |
| -1V              | 12 | REG -1V          | 12 | N.C.           | 12 |
| -3V              | 13 | REG -3V          | 13 | N.C.           | 13 |
| -5V              | 14 | REG -5V          | 14 | N.C.           | 14 |
| GND              | 15 | REG -5V          | 15 | N.C.           | 15 |
| GND              | 16 | GND              | 16 | GND            | 16 |
| GND              | 17 | GND              | 17 | GND            | 17 |
| GND              | 18 | GND              | 18 | GND            | 18 |
| GND              | 19 | GND              | 19 | GND            | 19 |
| N.C.             | 20 | N.C.             | 20 | REG -5V        | 20 |
| N.C.             | 21 | N.C.             | 21 | REG -5V        | 21 |
| SDIA REC DT 1/2  | 22 | SDIA REC DT 1/2  | 22 | REG +3V        | 22 |
| SDIA REC DT 3/4  | 23 | SDIA REC DT 3/4  | 23 | REG +3V        | 23 |
| SDIA REC LRCK    | 24 | SDIA REC LRCK    | 24 | REG +5V        | 24 |
| SDIA REC BCK     | 25 | SDIA REC BCK     | 25 | REG +5V        | 25 |
| SDIA REC 256FS   | 26 | SDIA REC 256FS   | 26 | N.C.           | 26 |
| D1 AD7           | 27 | D1 AD7           | 27 | N.C.           | 27 |
| D1 AD5           | 28 | D1 AD5           | 28 | N.C.           | 28 |
| D1 AD3           | 29 | D1 AD3           | 29 | REF CK27 (X)   | 29 |
| D1 AD1           | 30 | D1 AD1           | 30 | MPX SD10-P     | 30 |
| D1 IN CS         | 31 | D1 IN CS         | 31 | MPX SD12-P     | 31 |
| D1 A9            | 32 | D1 A9            | 32 | MPX SD14-P     | 32 |
| D1 WR            | 33 | D1 WR            | 33 | MPX SD16-P     | 33 |
| L CPU RESET      | 34 | L CPU RESET      | 34 | MPX SD18-P     | 34 |
| MPX SD18-R       | 35 | MPX SD18-R       | 35 | L CPU RESET    | 35 |
| MPX SD16-R       | 36 | MPX SD16-R       | 36 | SY SCK1        | 36 |
| MPX SD14-R       | 37 | MPX SD14-R       | 37 | SY S11         | 37 |
| MPX SD12-R       | 38 | MPX SD12-R       | 38 | L NTSC         | 38 |
| MPX SD10-R       | 39 | MPX SD10-R       | 39 | N.C.           | 39 |
| SDI CK27 (X)     | 40 | SDI CK27 (X)     | 40 | N.C.           | 40 |
| SDI V            | 41 | N.C.             | 41 | N.C.           | 41 |
| H SDI IN EXIST   | 42 | N.C.             | 42 | N.C.           | 42 |
| N.C.             | 43 | N.C.             | 43 | SDIA 128FS     | 43 |
| +5V              | 44 | REG +5V          | 44 | SDIA BCK       | 44 |
| +3V              | 45 | REG +3V          | 45 | SDIA LRCK      | 45 |
| +1V              | 46 | REG +1V          | 46 | SDIA DT 3/4    | 46 |
| -1V              | 47 | REG -1V          | 47 | SDIA DT 1/2    | 47 |
| -3V              | 48 | REG -3V          | 48 | N.C.           | 48 |
| -5V              | 49 | REG -5V          | 49 | N.C.           | 49 |
| GND              | 50 | GND              | 50 | GND            | 50 |
| GND              | 51 | GND              | 51 | GND            | 51 |
| GND              | 52 | GND              | 52 | GND            | 52 |
| GND              | 53 | GND              | 53 | GND            | 53 |
| N.C.             | 54 | N.C.             | 54 | -5V            | 54 |
| N.C.             | 55 | N.C.             | 55 | -5V            | 55 |
| SDIA REC ERR 1/2 | 56 | SDIA REC ERR 1/2 | 56 | +3V            | 56 |
| SDIA REC ERR 3/4 | 57 | SDIA REC ERR 3/4 | 57 | +3V            | 57 |
| SDIA PB LRCK     | 58 | SDIA PB LRCK     | 58 | +5V            | 58 |
| SDIA PB BCK      | 59 | SDIA PB BCK      | 59 | +5V            | 59 |
| SDIA PB 256FS    | 60 | SDIA PB 256FS    | 60 | N.C.           | 60 |
| D1 AD6           | 61 | D1 AD6           | 61 | REF OE         | 61 |
| D1 AD4           | 62 | D1 AD4           | 62 | REF CK27 (Y)   | 62 |
| D1 AD2           | 63 | D1 AD2           | 63 | MPX SD11-P     | 64 |
| D1 AD0           | 64 | D1 AD0           | 64 | MPX SD13-P     | 65 |
| D1 ASTB          | 65 | D1 ASTB          | 65 | MPX SD15-P     | 66 |
| D1 A8            | 66 | D1 A8            | 66 | MPX SD17-P     | 67 |
| D1 RD            | 67 | D1 RD            | 67 | MPX SD19-P     | 68 |
| L SDI-27 EXIST   | 68 | L SDI-27 EXIST   | 68 |                |    |









MB-712

MB-712

MB-712

SY-241

SV-184A

| CN112             |     |
|-------------------|-----|
| EXT LTC OUTPUT    | 1   |
| EXT LTC GND       | 2   |
| EXT LTC INPUT     | 3   |
| L INPUT RGB       | 4   |
| L OUTPUT RGB      | 5   |
| RM TX (+)         | 6   |
| RM TX (-)         | 7   |
| RM RX (+)         | 8   |
| RM RX (-)         | 9   |
| AUDIO OUTPUT MUTE | 10  |
| AUDIO RC-P1 MUTE  | 11  |
| AUDIO RC-P2 MUTE  | 12  |
| AUDIO PB RESET    | 13  |
| AUD SFY CS        | 14  |
| SV D15            | 15  |
| SV D14            | 16  |
| 1/2 VD            | 17  |
| SV D13            | 18  |
| SV D12            | 19  |
| SV D11            | 20  |
| REF 150           | 21  |
| SV D10            | 22  |
| SV D9             | 23  |
| SV D8             | 24  |
| H.NTSC/L.PAL      | 25  |
| SV A10            | 26  |
| SV A9             | 27  |
| SV A8             | 28  |
| SV A7             | 29  |
| SV A6             | 30  |
| SV A5             | 31  |
| SV A4             | 32  |
| H RECORDER        | 33  |
| SV A3             | 34  |
| SV A2             | 35  |
| SV A1             | 36  |
| GND               | 37  |
| SV HWR            | 38  |
| SV A0             | 39  |
| SV R0             | 40  |
| SV CLOCK IG1      | 41  |
| SV RAM WAIT       | 42  |
| SV RAM CS         | 43  |
| SV CLOCK IX1      | 44  |
| SVF-R MS CS       | 45  |
| L CPU RESET2      | 46  |
| AUD JGG CS        | 47  |
| AUD-P1 CS         | 48  |
| N.C.              | 49  |
| AUD-P2 CS         | 50  |
| FS CONT-P CS      | 51  |
| DSP-P1 CS         | 52  |
| DSP-P2 CS         | 53  |
| DSP-P1 XLAT       | 54  |
| DSP-P2 XLAT       | 55  |
| L DSP-P1 MUTE     | 56  |
| L DSP-P2 MUTE     | 57  |
| SP SCK0           | 58  |
| SP S00            | 59  |
| SP S10            | 60  |
| DSP-P READY       | 61  |
| FLTT1-R           | 62  |
| FLTT1-P           | 63  |
| FLTT0-P           | 64  |
| TRKT-P            | 65  |
| SPF-P BANK        | 66  |
| FRAME PULSE       | 67  |
| L JC RESET        | 68  |
| SP SCK-S1         | 69  |
| SP S0-S1          | 70  |
| SP S1-S1          | 71  |
| QSD1-R CS         | 72  |
| L CTLG RESET      | 73  |
| SPF-R SP CS       | 74  |
| NFIL-R CS         | 75  |
| V1-R CS           | 76  |
| CC-DECODER CS     | 77  |
| VRAM-R WE         | 78  |
| SPF-R BANK        | 79  |
| REF CF PULSE      | 80  |
| UNREG +15V        | 81  |
| UNREG +15V        | 82  |
| UNREG +15V        | 83  |
| UNREG +15V        | 84  |
| UNREG -12V        | 85  |
| UNREG -12V        | 86  |
| UNREG -12V        | 87  |
| UNREG -12V        | 88  |
| UNREG -5V         | 89  |
| UNREG -5V         | 90  |
| UNREG -5V         | 91  |
| UNREG -5V         | 92  |
| UNREG +12V        | 93  |
| UNREG +12V        | 94  |
| UNREG +12V        | 95  |
| UNREG +12V        | 96  |
| GND               | 97  |
| GND               | 98  |
| GND               | 99  |
| GND               | 100 |

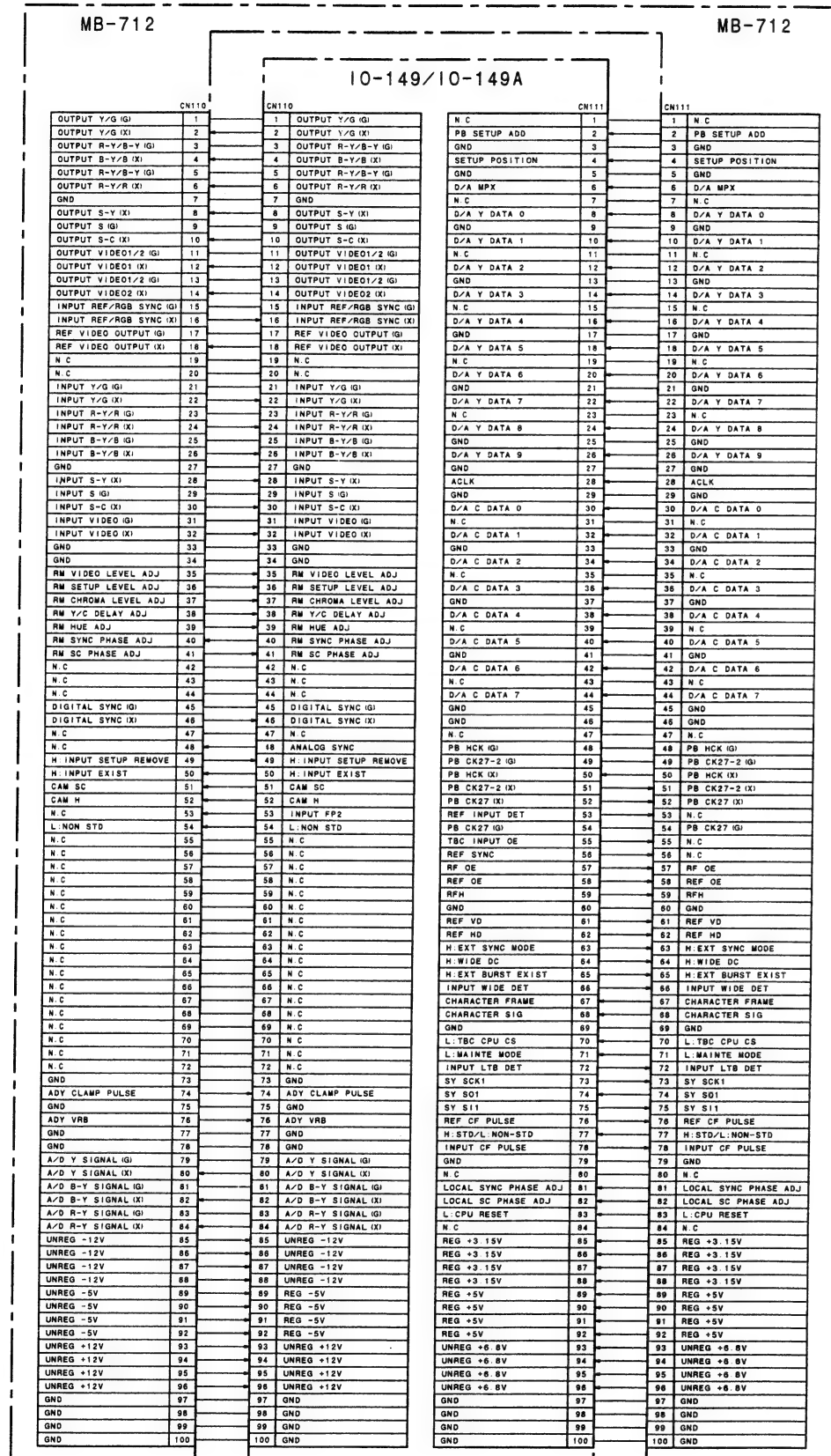
| CN112             |     |
|-------------------|-----|
| EXT LTC OUTPUT    | 1   |
| EXT LTC GND       | 2   |
| EXT LTC INPUT     | 3   |
| L INPUT RGB       | 4   |
| L OUTPUT RGB      | 5   |
| RM TX (+)         | 6   |
| RM TX (-)         | 7   |
| RM RX (+)         | 8   |
| RM RX (-)         | 9   |
| AUDIO OUTPUT MUTE | 10  |
| AUDIO RC-P1 MUTE  | 11  |
| AUDIO RC-P2 MUTE  | 12  |
| AUDIO PB RESET    | 13  |
| AUD SFY CS        | 14  |
| SV D15            | 15  |
| SV D14            | 16  |
| 1/2 VD            | 17  |
| SV D13            | 18  |
| SV D12            | 19  |
| SV D11            | 20  |
| REF 150           | 21  |
| SV D10            | 22  |
| SV D9             | 23  |
| SV D8             | 24  |
| H.NTSC/L.PAL      | 25  |
| SV A10            | 26  |
| SV A9             | 27  |
| SV A8             | 28  |
| SV A7             | 29  |
| SV A6             | 30  |
| SV A5             | 31  |
| SV A4             | 32  |
| H RECORDER        | 33  |
| SV A3             | 34  |
| SV A2             | 35  |
| SV A1             | 36  |
| GND               | 37  |
| SV HWR            | 38  |
| SV A0             | 39  |
| SV R0             | 40  |
| SV CLOCK IG1      | 41  |
| SV RAM WAIT       | 42  |
| SV RAM CS         | 43  |
| SV CLOCK IX1      | 44  |
| SVF-R MS CS       | 45  |
| L CPU RESET2      | 46  |
| AUD JGG CS        | 47  |
| AUD-P1 CS         | 48  |
| N.C.              | 49  |
| AUD-P2 CS         | 50  |
| FS CONT-P CS      | 51  |
| DSP-P1 CS         | 52  |
| DSP-P2 CS         | 53  |
| DSP-P1 XLAT       | 54  |
| DSP-P2 XLAT       | 55  |
| L DSP-P1 MUTE     | 56  |
| L DSP-P2 MUTE     | 57  |
| SP SCK0           | 58  |
| SP S00            | 59  |
| SP S10            | 60  |
| DSP-P READY       | 61  |
| FLTT1-R           | 62  |
| FLTT1-P           | 63  |
| FLTT0-P           | 64  |
| TRKT-P            | 65  |
| SPF-P BANK        | 66  |
| FRAME PULSE       | 67  |
| L JC RESET        | 68  |
| SP SCK-S1         | 69  |
| SP S0-S1          | 70  |
| SP S1-S1          | 71  |
| QSD1-R CS         | 72  |
| L CTLG RESET      | 73  |
| SPF-R SP CS       | 74  |
| NFIL-R CS         | 75  |
| V1-R CS           | 76  |
| CC-DECODER CS     | 77  |
| VRAM-R WE         | 78  |
| SPF-R BANK        | 79  |
| REF CF PULSE      | 80  |
| UNREG +15V        | 81  |
| UNREG +15V        | 82  |
| UNREG +15V        | 83  |
| UNREG +15V        | 84  |
| UNREG -12V        | 85  |
| UNREG -12V        | 86  |
| UNREG -12V        | 87  |
| UNREG -12V        | 88  |
| UNREG -5V         | 89  |
| UNREG -5V         | 90  |
| UNREG -5V         | 91  |
| UNREG -5V         | 92  |
| UNREG +12V        | 93  |
| UNREG +12V        | 94  |
| UNREG +12V        | 95  |
| UNREG +12V        | 96  |
| GND               | 97  |
| GND               | 98  |
| GND               | 99  |
| GND               | 100 |

| CN113              |     |
|--------------------|-----|
| N.C.               | 1   |
| SV S12             | 2   |
| SV S02             | 3   |
| SV SCK2            | 4   |
| N.C.               | 5   |
| CTLG-P MOD CS      | 6   |
| CTLG-P SP CS       | 7   |
| CTLG SUB-P CS      | 8   |
| N.C.               | 9   |
| CTLG-R MOD CS      | 10  |
| CTLG-R SP CS       | 11  |
| N.C.               | 12  |
| RF OE              | 13  |
| REF VD             | 14  |
| REF HD             | 15  |
| H.WIDE DC          | 16  |
| INPUT WIDE DET     | 17  |
| CHARACTER FRAME    | 18  |
| CHARACTER SIG      | 19  |
| L.TBC CPU CS       | 20  |
| N.C.               | 21  |
| L.WAINTA MODE      | 22  |
| INPUT LTB DET      | 23  |
| CC-F1              | 24  |
| N.C.               | 25  |
| L.KY CS            | 26  |
| N.C.               | 27  |
| L.SDI OUT OP CS    | 28  |
| N.C.               | 29  |
| SP S11             | 30  |
| SP S01             | 31  |
| SP SCK1            | 32  |
| SPF-P MS CS        | 33  |
| SPF-P SP CS        | 34  |
| NFIL-P CS          | 35  |
| V1-P CS            | 36  |
| QSD1-P MUTE        | 37  |
| JUST-P CS          | 38  |
| QSD1-P CS          | 39  |
| VRAM-P WE          | 40  |
| N.C.               | 41  |
| N.C.               | 42  |
| N.C.               | 43  |
| CC-F2              | 44  |
| L.OSDI INPUT EN    | 45  |
| L.OSDI OP CS       | 46  |
| FLTT0-R            | 47  |
| QSD1 CORE R1 CS    | 48  |
| QSD1 CORE R2 CS    | 49  |
| AUD EDIT CS        | 50  |
| FS CONT QSD1 CS    | 51  |
| AUD-R1 CS          | 52  |
| EDIT PLD CS        | 53  |
| AUD-R2 CS          | 54  |
| DSP-P2 XLAT        | 55  |
| DSP-R READY        | 56  |
| L.FLTA ERR         | 57  |
| FS CONT-R CS       | 58  |
| DSP-R1 CS          | 59  |
| DSP-R2 CS          | 60  |
| L.DSP-R1 MUTE      | 61  |
| DSP-R1 XLAT        | 62  |
| SV SCK2            | 63  |
| SP S1-S2           | 64  |
| L.DSP-R2 MUTE      | 65  |
| SP SCK-S2          | 66  |
| SP S0-S2           | 67  |
| N.C.               | 68  |
| DA-P1 XLAT         | 69  |
| N.C.               | 70  |
| RC-P1 XLAT         | 71  |
| RC-P2 XLAT         | 72  |
| DA-P2 XLAT         | 73  |
| SV SCK1            | 74  |
| SV S01             | 75  |
| SV S11             | 76  |
| DA ID              | 77  |
| L.SDI IN OP EXIST  | 78  |
| L.SDI OUT OP EXIST | 79  |
| L.CPU RESET        | 80  |
| N.C.               | 81  |
| L.OSDI OP EXIST    | 82  |
| N.C.               | 83  |
| N.C.               | 84  |
| REG +3.15V         | 85  |
| REG +3.15V         | 86  |
| REG +3.15V         | 87  |
| REG +3.15V         | 88  |
| REG +5V            | 89  |
| REG +5V            | 90  |
| REG +5V            | 91  |
| REG +5V            | 92  |
| UNREG +6.8V        | 93  |
| UNREG +6.8V        | 94  |
| UNREG +6.8V        | 95  |
| UNREG +6.8V        | 96  |
| GND                | 97  |
| GND                | 98  |
| GND                | 99  |
| GND                | 100 |

| CN113              |     |
|--------------------|-----|
| N.C.               | 1   |
| SV S12             | 2   |
| SV S02             | 3   |
| SV SCK2            | 4   |
| N.C.               | 5   |
| CTLG-P MOD CS      | 6   |
| CTLG-P SP CS       | 7   |
| CTLG SUB-P CS      | 8   |
| N.C.               | 9   |
| CTLG-R MOD CS      | 10  |
| CTLG-R SP CS       | 11  |
| N.C.               | 12  |
| RF OE              | 13  |
| REF VD             | 14  |
| REF HD             | 15  |
| H.WIDE DC          | 16  |
| INPUT WIDE DET     | 17  |
| CHARACTER FRAME    | 18  |
| CHARACTER SIG      | 19  |
| L.TBC CPU CS       | 20  |
| N.C.               | 21  |
| L.WAINTA MODE      | 22  |
| INPUT LTB DET      | 23  |
| CC-F1              | 24  |
| N.C.               | 25  |
| L.KY CS            | 26  |
| N.C.               | 27  |
| L.SDI OUT OP CS    | 28  |
| N.C.               | 29  |
| SP S11             | 30  |
| SP S01             | 31  |
| SP SCK1            | 32  |
| SPF-P MS CS        | 33  |
| SPF-P SP CS        | 34  |
| NFIL-P CS          | 35  |
| V1-P CS            | 36  |
| QSD1-P MUTE        | 37  |
| JUST-P CS          | 38  |
| QSD1-P CS          | 39  |
| VRAM-P WE          | 40  |
| N.C.               | 41  |
| N.C.               | 42  |
| N.C.               | 43  |
| CC-F2              | 44  |
| L.OSDI INPUT EN    | 45  |
| L.OSDI OP CS       | 46  |
| FLTT0-R            | 47  |
| QSD1 CORE R1 CS    | 48  |
| QSD1 CORE R2 CS    | 49  |
| AUD EDIT CS        | 50  |
| FS CONT QSD1 CS    | 51  |
| AUD-R1 CS          | 52  |
| EDIT PLD CS        | 53  |
| AUD-R2 CS          | 54  |
| DSP-P2 XLAT        | 55  |
| DSP-R READY        | 56  |
| L.FLTA ERR         | 57  |
| FS CONT-R CS       | 58  |
| DSP-R1 CS          | 59  |
| DSP-R2 CS          | 60  |
| L.DSP-R1 MUTE      | 61  |
| DSP-R1 XLAT        | 62  |
| SV SCK2            | 63  |
| SP S1-S2           | 64  |
| L.DSP-R2 MUTE      | 65  |
| SP SCK-S2          | 66  |
| SP S0-S2           | 67  |
| N.C.               | 68  |
| DA-P1 XLAT         | 69  |
| N.C.               | 70  |
| RC-P1 XLAT         | 71  |
| RC-P2 XLAT         | 72  |
| DA-P2 XLAT         | 73  |
| SV SCK1            | 74  |
| SV S01             | 75  |
| SV S11             | 76  |
| DA ID              | 77  |
| L.SDI IN OP EXIST  | 78  |
| L.SDI OUT OP EXIST | 79  |
| L.CPU RESET        | 80  |
| N.C.               | 81  |
| L.OSDI OP EXIST    | 82  |
| N.C.               | 83  |
| N.C.               | 84  |
| REG +3.15V         | 85  |
| REG +3.15V         | 86  |
| REG +3.15V         | 87  |
| REG +3.15V         | 88  |
| REG +5V            | 89  |
| REG +5V            | 90  |
| REG +5V            | 91  |
| REG +5V            | 92  |
| UNREG +6.8V        | 93  |
| UNREG +6.8V        | 94  |
| UNREG +6.8V        | 95  |
| UNREG +6.8V        | 96  |
| GND                | 97  |
| GND                | 98  |
| GND                | 99  |
| GND                | 100 |

| CN114             |     |
|-------------------|-----|
| LVD               | 1   |
| N.C.              | 2   |
| SD1 CFP2          | 3   |
| SD1 CFP1          | 4   |
| N.C.              | 5   |
| TRKT-P            | 6   |
| FLTT1-P           | 7   |
| TRKT-R            | 8   |
| FLTT1-R           | 9   |
| N.C.              | 10  |
| SV D15            | 11  |
| SV D14            | 12  |
| SV D13            | 13  |
| SV D12            | 14  |
| 1/2 VD            | 15  |
| SV D11            | 16  |
| SV D10            | 17  |
| SV D9             | 18  |
| REF 150           | 19  |
| SV D8             | 20  |
| SV A10            | 21  |
| SV A9             | 22  |
| H.NTSC/L.PAL      | 23  |
| SV A8             | 24  |
| SV A7             | 25  |
| SV A6             | 26  |
| SV A5             | 27  |
| SV A4             | 28  |
| N.C.              | 29  |
| FAN MOTOR STOP    | 30  |
| SV A3             | 31  |
| SV A2             | 32  |
| SV A1             | 33  |
| GND               | 34  |
| SV A0             | 35  |
| SV HWR            | 36  |
| SV R0             | 37  |
| SV CLOCK IG1      | 38  |
| SV RAM WAIT       | 39  |
| SV RAM CS         | 40  |
| SV CLOCK IX1      | 41  |
| H.INPUT EXIST     | 42  |
| L.CPU RESET2      | 43  |
| OCH ATF GAIN CONT | 44  |
| OCH ATF RF CUT    | 45  |
| L.TEST            | 46  |
| OCH ATF ERROR IX1 | 47  |
| OCH ATF ERROR IG1 | 48  |
| ECH ATF GAIN CONT | 49  |
| ATF SEL           | 50  |
| ECH ATF RF CUT    | 51  |
| ECH ATF ERROR IX1 | 52  |
| ECH ATF ERROR IG1 | 53  |
| L.ITI CENTER      | 54  |
| EEPROM RP BUSY    | 55  |
| EEPROM RP CS      | 56  |
| EEPROM RP RESET   | 57  |
| RP D/A L02        | 58  |
| RP D/A L03        | 59  |
| N.C.              | 60  |
| SV S12            | 61  |
| SV S02            | 62  |
| SV SCK2           | 63  |
| N.C.              | 64  |
| SV S13            | 65  |
| SV S03            | 66  |
| SV SCK3           | 67  |
| N.C.              | 68  |
| CHCD-P1 CS        | 69  |
| CHCD-P2 CS        | 70  |
| CHCD-R1 CS        | 71  |
| CHCD-R2 CS        | 72  |
| L.CHCD RESET      | 73  |
| PB SW REF         | 74  |
| SUBCODE AREA      | 75  |
| SSA 30R           | 76  |
| REC SW REF        | 77  |
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ここに記載されている半導体は、それぞれの機能を等価的に表したものです。なお、互換性のない型名を併記していることがありますので、部品を交換するときは、Spare Partsの章を参照してください。

等価回路は I C メーカーのデータブックに従いました。

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

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| TC74VHC08FT(EL) ....  | 14-36 | TC74VHCT00AFT(EL) ... | 14-36 | UPD485505G-35 .....     | 14-68 |
| TC74VHC11F .....      | 14-39 | TC74VHCT08FS(EL) ...  | 14-36 | UPD485505G-35-E2 ....   | 14-68 |
| TC74VHC11F(EL) .....  | 14-39 | TC74VHCT08FT(EL) ...  | 14-36 | UPD6453GT-635-E2 ....   | 14-45 |
| TC74VHC14F .....      | 14-63 | TC74VHCT74AFT(EL) ... | 14-41 |                         |       |
| TC74VHC14F(EL) .....  | 14-63 | TC74VHCT74FS(EL) ...  | 14-41 | ZA4024 .....            | 14-43 |
| TC74VHC21F .....      | 14-40 | TC74VHCT245F(EL) ...  | 14-41 |                         |       |
| TC74VHC21F(EL) .....  | 14-40 | TC74VHCT541AFT(EL) .. | 14-36 |                         |       |
| TC74VHC27F(EL) .....  | 14-40 | TC74VHCT541F .....    | 14-36 |                         |       |
| TC74VHC32F .....      | 14-41 | TC74VHCT541F(EL) ...  | 14-36 |                         |       |
| TC74VHC32F(EL) .....  | 14-41 | TC74VHCT541FS(EL) ... | 14-36 |                         |       |
| TC74VHC32FS(EL) ....  | 14-41 | TC7S02F(TE85R) .....  | 14-62 |                         |       |
| TC74VHC32FT(EL) ....  | 14-41 | TC7S04F(TE85R) .....  | 14-41 |                         |       |
| TC74VHC74F .....      | 14-41 | TC7S04FU(TE85R) ..... | 14-41 |                         |       |
| TC74VHC74F(EL) .....  | 14-41 | TC7S04FU-TE85L .....  | 14-41 |                         |       |
| TC74VHC74FS(EL) ....  | 14-41 | TC7S32FU(TE85R) ..... | 14-64 |                         |       |
| TC74VHC74FT(EL) ....  | 14-41 | TC7S66F .....         | 14-41 |                         |       |
| TC74VHC86F .....      | 14-38 | TC7S66F(TE85R) .....  | 14-41 |                         |       |
| TC74VHC86F(EL) .....  | 14-38 | TC7S66FU .....        | 14-41 |                         |       |
| TC74VHC123AFS(EL) ... | 14-39 | TC7S66FU(TE85R) ..... | 14-41 |                         |       |
| TC74VHC123AFT(EL) ... | 14-39 | TC7SH00FU-TE85R ....  | 14-64 |                         |       |
| TC74VHC125F .....     | 14-40 | TC7SH04FU .....       | 14-41 |                         |       |
| TC74VHC125F(EL) ..... | 14-40 | TC7SH04FU-TE85R ....  | 14-41 |                         |       |
| TC74VHC125FS(EL) ...  | 14-40 | TC7SH32FU-TE85R ....  | 14-64 |                         |       |
| TC74VHC125FT(EL) ...  | 14-40 | TC7W00F .....         | 14-64 |                         |       |
| TC74VHC138F(EL) ..... | 14-40 | TC7W00F(TE12R) .....  | 14-64 |                         |       |
| TC74VHC139F(EL) ..... | 14-62 | TC7W04FU .....        | 14-42 |                         |       |



# DIODE, TRANSISTOR

## DIODE

10E-2  
11E2-TB2  
1SS83  
1SS83TD

-TOP VIEW-

1SR154-400TE-25  
1T363  
1T363A-M20-T8A

-TOP VIEW-

1SS193  
1SS193-TE85L  
SB007-03CP  
SB007-03CP-TB

-TOP VIEW-

1SS187-TE85L  
1SS223

-TOP VIEW-

1SS123-T1  
1SS226  
1SS302  
1SS302-TE85L  
1SS351-TB  
DA204U  
DA204UT106

-TOP VIEW-

1SS300-TE85L  
DAP202U  
DAP202UT106  
RB717F  
RB717F-T106

-TOP VIEW-

1SS301-TE85L  
DAN202U  
DAN202UT106  
HSM88WK-TL  
MA141WK

-TOP VIEW-

DTZ5.1B (ROHM)  
RD16SB2 (NEC)  
RD16SB2-T1  
UDZ-TE-17-3.0B  
UDZ-TE-17-5.1B

GL480 ; INFRARED

-TOP VIEW-

KV1470  
KV1470TL00

-TOP VIEW-

RD2.0F-T7B1  
RD2.0FB1 (NEC)  
RD2.2M-B  
RD7.5ES-B1  
RD7.5ES-T1B1  
UDZ-TE-17-2.2B

-TOP VIEW-

RD6.2M-B1 (ROHM)  
UDZ-TE-17-6.2B

TLN115A INFRARED(TOSHIBA)

## TRANSISTOR



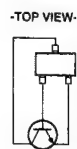
2SA1020-Y  
2SA1020-Y-TPE6



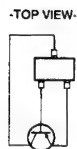
2SB941-P



2SA1150  
2SB810TP-E



2SC1623  
2SC1623-T1-L5L6  
2SC2712  
2SC2712-GL-TE85L  
2SC2712G-TE85L (TOSHIBA)  
2SC3326N-A (TOSHIBA)  
2SC3326N-TE85L-AB  
2SC3356-K  
2SC3356-T1K  
2SC3392-6-TB (SANYO)  
2SC3735-L-B35  
2SC3735-T1B-B34  
2SC4081T106R  
2SC4176-B35  
2SC4176-T1B35  
2SC4177-L6  
2SC4177-T1L5L6



2SA1162G  
2SA1162G-TE85L  
2SA1226-E4  
2SA1226-T1E3E4  
2SA1462  
2SA1462-T1Y33  
2SA1576-R  
2SA1576T106R  
2SA1610-T1Y34  
2SA1610-Y33  
2SA1611-M5M6  
2SA1611T1-M5M6  
2SB624-BV345  
2SB624-T1BV3



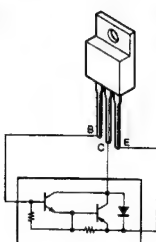
2SC2655-Y (TOSHIBA)  
2SC2655-Y(TPE6)



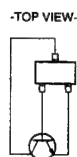
2SA1441-L (NEC)



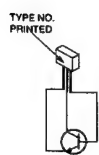
2SC3692 (NEC)



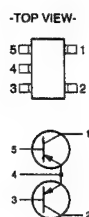
2SB1094  
2SB1094-L



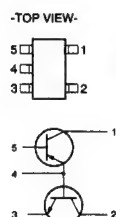
2SC213A-TE85L  
(TOSHIBA)



2SD1020TP-E  
2SD1021-F (NEC)



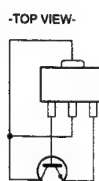
FMS1  
FMS1-T-148



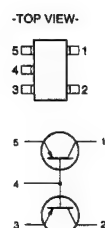
FMY3  
FMY3-T-148



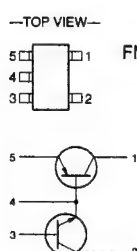
PT480



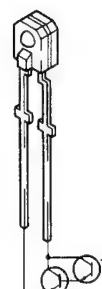
2SD1615A-T1GQGP



FMS2  
FMS2-T-148



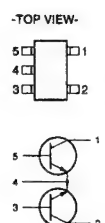
FMY4A-T148



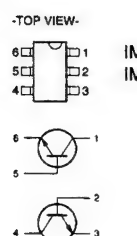
PT483F1  
PT483F1S



2SD1669R (SANYO)



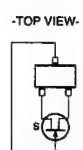
FMW-8 (ROHM)  
FMW-8T148  
FMW1  
FMW1-T-148



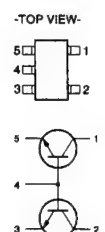
IMX1  
IMX1T110



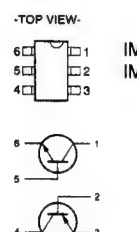
XP4401-TXE



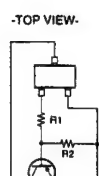
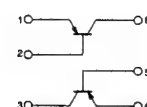
2SK322WQTL (HITACHI)  
2SK663  
2SK852-T1X3



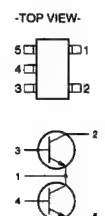
FMW2 (ROHM)  
FMW2-T-148



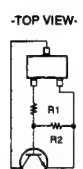
IMZ1  
IMZ1T109



DTA144EKA-T146  
(R1, R2=47 K)  
DTA144EUA-T106  
(R1, R2=47 K)



FMW7 (ROHM)  
FMW7-T148



DTC114EKA-T146  
(R1, R2=10 K)  
DTC144EKA-T146  
DTC144EU  
(R1, R2=47 K)  
DTC144EUA-T106  
(R1, R2=47 K)  
DTC144EUT106

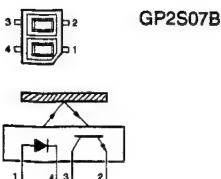
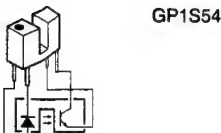
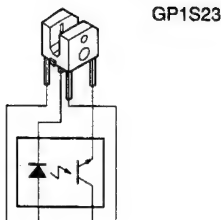
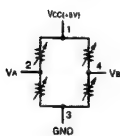
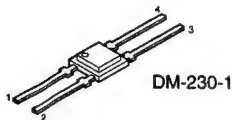
## LED, OTHERS, IC

### LED



CL-150PG-CD ; GREEN  
CL-150PG-CD-T  
CL-150R-CD ; RED  
CL-150R-CD-T

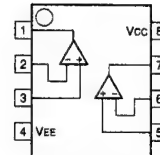
### OTHERS



### IC

BA10358F-E2 (ROHM) FLAT PACKAGE  
UPC358G2-E2

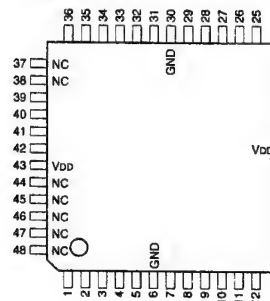
DUAL OPERATIONAL AMPLIFIERS  
(SINGLE-SUPPLY TYPE)  
-TOP VIEW-



| TYPE       | VCC - VEE    |
|------------|--------------|
| 828 TYPE   | +5 to +36V   |
| 2244 TYPE  | +2.5 to +36V |
| 2904 TYPE  | +3 to +24V   |
| 3404 TYPE  | +4 to +32V   |
| 3414 TYPE  | +3 to +10V   |
| 4572 TYPE  | +4 to +14V   |
| 5216 TYPE  | +4 to +32V   |
| 7022 TYPE  | +3 to +16V   |
| 75W01 TYPE | +3 to +10V   |
| 33172 TYPE | +3 to +44V   |
| OTHERS     | +3 to +36V   |

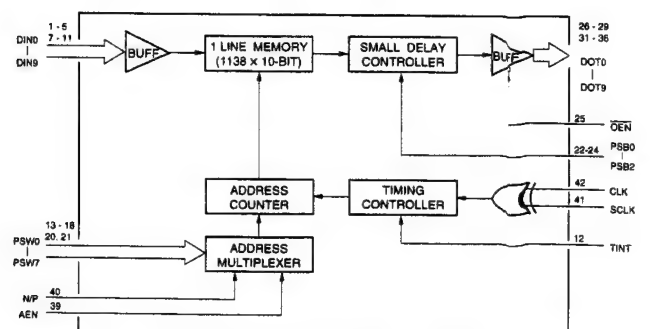
CXK1203AR (SONY)  
CXK1203AR-T4

C-MOS DIGITAL LINE MEMORY  
-TOP VIEW-



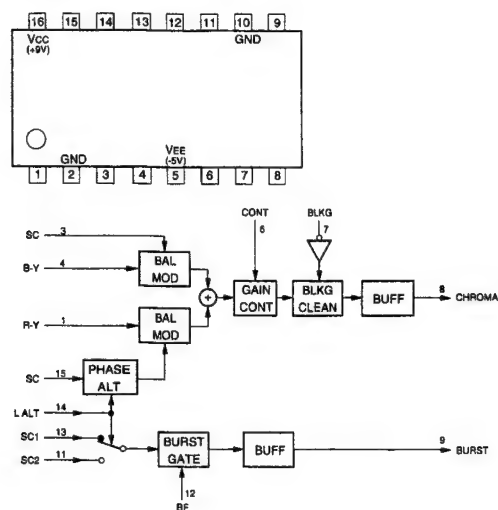
| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I   | D0     | 13      | I   | PSW7   | 25      | I   | OEN    | 37      | —   | NC     |
| 2       | I   | D1     | 14      | I   | PSW6   | 26      | O   | DOT9   | 38      | —   | NC     |
| 3       | I   | D2     | 15      | I   | PSW5   | 27      | O   | DOT8   | 39      | I   | AEN    |
| 4       | I   | D3     | 16      | I   | PSW4   | 28      | O   | DOT7   | 40      | I   | N/P    |
| 5       | I   | D4     | 17      | I   | PSW3   | 29      | O   | DOT6   | 41      | I   | CLK    |
| 6       | —   | GND    | 18      | I   | PSW2   | 30      | —   | GND    | 42      | I   | CLK    |
| 7       | I   | D5     | 19      | —   | VDD    | 31      | O   | DOT5   | 43      | —   | VDD    |
| 8       | I   | D6     | 20      | I   | PSW1   | 32      | O   | DOT4   | 44      | —   | NC     |
| 9       | I   | D7     | 21      | I   | PSW0   | 33      | O   | DOT3   | 45      | —   | NC     |
| 10      | I   | D8     | 22      | I   | PSB2   | 34      | O   | DOT2   | 46      | —   | NC     |
| 11      | I   | D9     | 23      | I   | PSB1   | 35      | O   | DOT1   | 47      | —   | NC     |
| 12      | I   | TINT   | 24      | I   | PSB0   | 36      | O   | DOT0   | 48      | —   | NC     |

AEN : LINE MEMORY SELECT  
CLK : CLOCK  
DINO - DIN9 : VIDEO DATA INPUT  
DOT0 - DOT9 : VIDEO DATA OUTPUT  
N/P : NTSC/PAL/SECAM SELECT  
OEN : OUTPUT ENABLE  
PSB0 - PSB2 : DELAY STEP SELECT (1-BITxN)  
PSW0 - PSW7 : DELAY STEP SELECT (8-BITxN)  
SCLK : CLOCK EDGE SELECT  
TINT : TEST



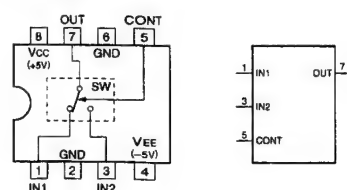
# CX22017 (SONY) CX22017-TH

## VIDEO SIGNAL PROCESSOR -TOP VIEW-



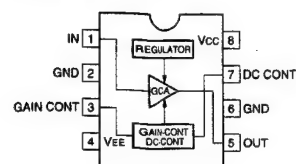
# CXA1450M-TH (SONY) FLAT PACKAGE

## VIDEO SIGNAL SWITCH -TOP VIEW-



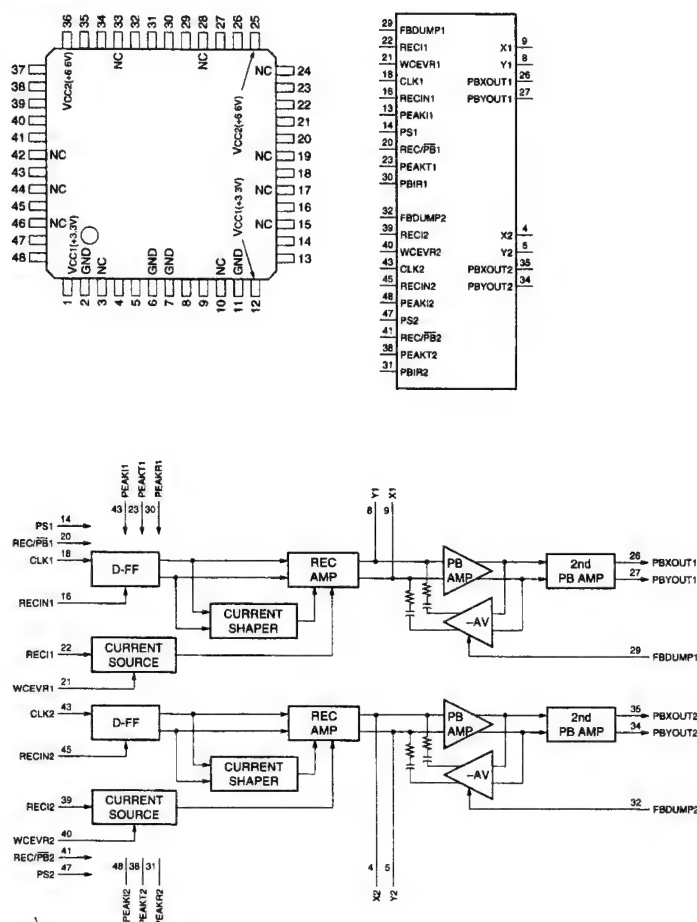
# CXA1521M-TH (SONY)

## GAIN CONTROL AMP -TOP VIEW-

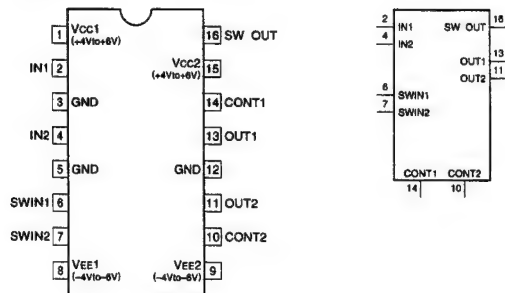


# CXA1760Q-T6 (SONY)

## RECORD/PLAYBACK AMPLIFIER -TOP VIEW-

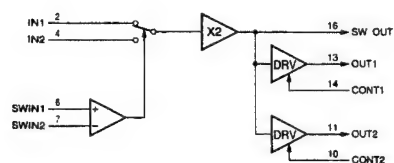


| PIN NO. | I/O | SIGNAL      | PIN NO. | I/O | SIGNAL  | PIN NO. | I/O | SIGNAL      | PIN NO. | I/O | SIGNAL  |
|---------|-----|-------------|---------|-----|---------|---------|-----|-------------|---------|-----|---------|
| 1       | I   | VCC1(+3.3V) | 13      | I   | PEAK11  | 25      | I   | VCC2(+6.8V) | 37      | -   | NC      |
| 2       | -   | GND         | 14      | I   | PS1     | 26      | O   | PBXOUT1     | 38      | I   | PEAKT2  |
| 3       | -   | NC          | 15      | -   | NC      | 27      | O   | PBYOUT1     | 39      | I   | RECIN2  |
| 4       | I/O | X2          | 16      | I   | RECIN1  | 28      | -   | NC          | 40      | I   | WCEVR2  |
| 5       | I/O | Y2          | 17      | -   | NC      | 29      | I   | FBDUMP1     | 41      | I   | REC/PB2 |
| 6       | -   | GND         | 18      | I   | CLK1    | 30      | I   | PBIR1       | 42      | -   | NC      |
| 7       | -   | GND         | 19      | -   | NC      | 31      | I   | PBIR2       | 43      | I   | CLK2    |
| 8       | I/O | Y1          | 20      | I   | REC/PB1 | 32      | I   | FBDUMP2     | 44      | -   | NC      |
| 9       | I/O | X1          | 21      | I   | WCEVR1  | 33      | -   | NC          | 45      | I   | RECIN2  |
| 10      | -   | NC          | 22      | I   | RECIN1  | 34      | O   | PBYOUT2     | 46      | -   | NC      |
| 11      | -   | GND         | 23      | I   | PEAKT1  | 35      | O   | PBXOUT2     | 47      | I   | PS2     |
| 12      | I   | VCC1(+3.3V) | 24      | -   | NC      | 36      | I   | VCC2(+6.8V) | 48      | I   | PEAKI2  |

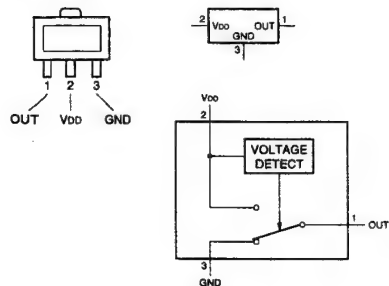
**CXA1451M (SONY) FLAT PACKAGE  
CXA1451M-TH**
**WIDEBAND VIDEO SWITCH  
-TOP VIEW-**


**INPUT**  
CONT1, 2 : POWER SAVE CONTROL PIN OF DRV. 1 AND DRV. 2  
INT1, 2 : 1/2-CHANNEL INPUT PIN  
SWIN1, 2 : IN1/IN2 PINS SWITCH CONTROL PIN

**OUTPUT**  
OUT1, 2 : OUTPUT PIN OF DRV. 1/2  
SWOUT : OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN  
SELECTED BY SWITCH


**S-8054HNM-CQ-T1 (SEIKO I&E)**
**C-MOS VOLTAGE DETECTOR**

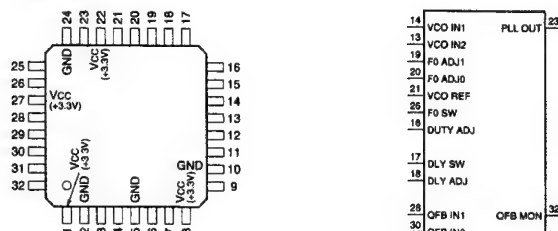
-TOP VIEW-



| ITEM      | VOLTAGE DETECT (V) | OUTPUT TYPE |
|-----------|--------------------|-------------|
| S-8051ANB | 1.00 - 1.10        | Nch         |
| S-8051ANR | 1.10 - 1.20        | OPEN DRAIN  |
| S-8052ALQ | 2.40 - 2.60        |             |
| S-8052ALY | 2.60 - 2.80        |             |
| S-8053ALB | 2.80 - 3.10        |             |
| S-8053ALR | 3.10 - 3.40        |             |
| S-8054ALB | 4.00 - 4.30        |             |
| S-8054ALR | 4.30 - 4.60        |             |
| S-8054HNM | 3.80 - 4.20        | Nch         |
| S-8054HNM | 4.50 - 4.70        | OPEN DRAIN  |

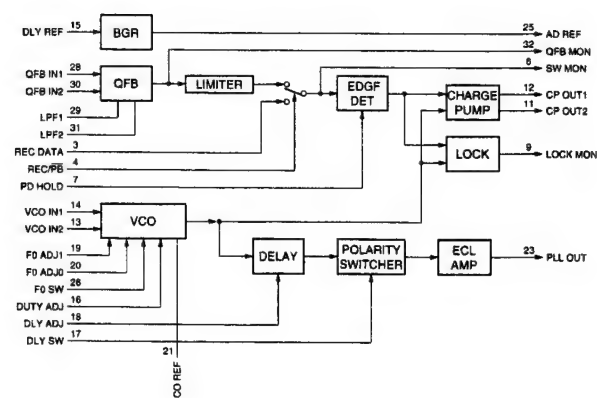
**CXA1762Q-T4 (SONY)**
**CLOCK DETECT PLL**

-TOP VIEW-



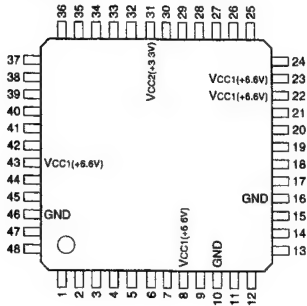
| PIN NO. | I/O | SIGNAL     | PIN NO. | I/O | SIGNAL     |
|---------|-----|------------|---------|-----|------------|
| 1       | -   | VCC(+3.3V) | 17      | I   | DLY SW     |
| 2       | -   | GND        | 18      | I   | DLY ADJ    |
| 3       | I   | REC DATA   | 19      | I   | F0 ADJ1    |
| 4       | I   | REC/PB     | 20      | I   | F0 ADJ0    |
| 5       | -   | GND        | 21      | -   | VCO REF    |
| 6       | O   | SW MON     | 22      | -   | VCC(+3.3V) |
| 7       | I   | PD HOLD    | 23      | O   | PLL OUT    |
| 8       | -   | VCC(+3.3V) | 24      | -   | GND        |
| 9       | O   | LOCK MON   | 25      | O   | AD REF     |
| 10      | -   | GND        | 26      | I   | F0 SW      |
| 11      | O   | CP OUT2    | 27      | -   | VCC(+3.3V) |
| 12      | O   | CP OUT1    | 28      | I   | QFB IN1    |
| 13      | I   | VCO IN2    | 29      | -   | LPF1       |
| 14      | I   | VCO IN1    | 30      | I   | QFB IN2    |
| 15      | -   | DLY REF    | 31      | -   | LPF2       |
| 16      | I   | DUTY ADJ   | 32      | O   | QFB MON    |

AD REF : A/D REFERENCE VOLTAGE TERMINAL  
CP OUT1, 2 : DIFFERENTIAL ERROR VOLTAGE OUTPUT  
DLY ADJ : PLL OUTPUT DELAY ADJUSTMENT INPUT  
DLY REF : EXTERNAL REFERENCE CURRENT SOURCE TERMINAL  
DLY SW : PLL OUTPUT INVERT/NON-INVERT CONTROL INPUT  
DUTY ADJ : VCO DUTY ADJUSTMENT INPUT  
F0 ADJ0, 1 : VCO FREE-RUN (F0) FREQUENCY ADJUSTMENT INPUT  
F0 SW : VCO FREE-RUN FREQUENCY SELECT INPUT  
LOCK MON : PLL LOCK MONITOR OUTPUT  
PD HOLD : PHASE DETECTOR HOLD/NORMAL SELECT INPUT  
QFB IN1, 2 : PLAYBACK DATA INPUT  
QFB MON : QUANTIZED FEED-BACK EQUALIZER MONITOR OUTPUT  
REC DATA : RECORDING DATA INPUT  
REC/PB : REC/PB SELECT INPUT (H : REC, L : PB)  
SW MON : SW MONITOR OUTPUT  
VCO IN1, 2 : DIFFERENTIAL ERROR VOLTAGE INPUT  
VCO REF : EXTERNAL REFERENCE CURRENT SOURCE TERMINAL



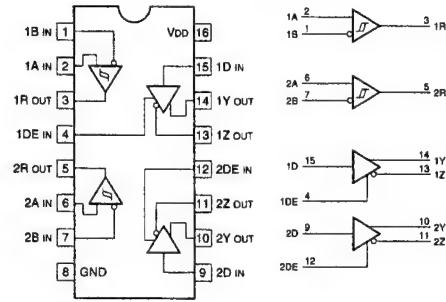


## CXA1761R-T4 (SONY)

EQUALIZER FOR DIGITAL VCR  
-TOP VIEW-

| PIN NO. | I/O | SIGNAL      | PIN NO. | I/O | SIGNAL      |
|---------|-----|-------------|---------|-----|-------------|
| 1       | I   | JSWP        | 25      | I   | EVR4        |
| 2       | O   | DCS OUT     | 26      | I   | REF1        |
| 3       | I   | EQ IN       | 27      | I   | REF2        |
| 4       | I   | EQ CONT1    | 28      | I   | EVR1B       |
| 5       | I   | EQ CONT2    | 29      | I   | EVR1A       |
| 6       | I   | DECUP1      | 30      | I   | DECUP2      |
| 7       | I   | EQ SEL      | 31      | I   | VCC2(+3.3V) |
| 8       | I   | VCC1(+5.6V) | 32      | I   | EQ CONT4    |
| 9       | O   | SW OUT      | 33      | I   | EQ CONT3    |
| 10      | -   | GND         | 34      | I   | PS REF1     |
| 11      | I   | VCA IN1     | 35      | I   | PS REF2     |
| 12      | I   | VCA IN2     | 36      | I   | DO LEVEL    |
| 13      | I   | EVR2B       | 37      | I   | ENV CONST   |
| 14      | I   | EVR2A       | 38      | I   | REF CONST   |
| 15      | O   | VCA OUT     | 39      | O   | DO OUT      |
| 16      | -   | GND         | 40      | O   | REF OUT     |
| 17      | I   | AGC IN1     | 41      | O   | ENV OUT     |
| 18      | I   | AGC IN2     | 42      | I   | IN1         |
| 19      | I   | AGC REF     | 43      | I   | VCC1(+5.6V) |
| 20      | O   | AGC OUT     | 44      | I   | DC1         |
| 21      | I   | BUFF COUT   | 45      | I   | DC2         |
| 22      | I   | VCC1(+5.6V) | 46      | -   | GND         |
| 23      | I   | VCC1(+5.6V) | 47      | I   | IN2         |
| 24      | I   | AGC CONT    | 48      | I   | REC/PB      |

## SN75C1168NS-E05 (TI)

BI-CMOS DUAL DIFFERENTIAL LINE DRIVER/RECEIVER  
-TOP VIEW-

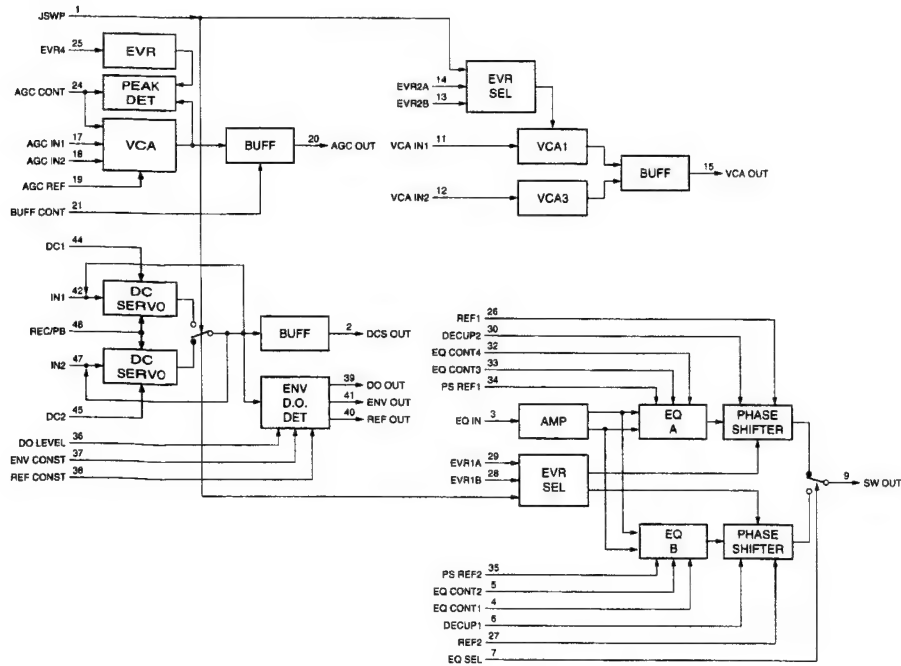
## DRIVER BLOCK

| INPUT | ENABLE | OUTPUTS |      |
|-------|--------|---------|------|
| D     | DE     | Y       | Z    |
| 1     | 1      | 1       | 0    |
| 0     | 1      | 0       | 1    |
| x     | 0      | HI-Z    | HI-Z |

0 : LOW LEVEL  
1 : HIGH LEVEL  
? : INDETERMINATE  
x : DON'T CARE  
HI-Z : HIGH IMPEDANCE

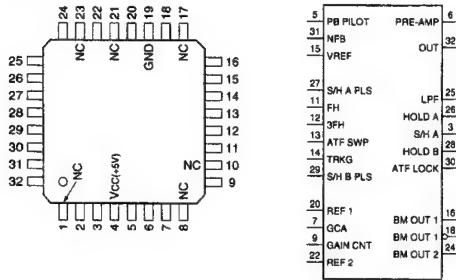
## RECEIVER BLOCK

| DIFFERENTIAL INPUT      | OUTPUT |
|-------------------------|--------|
| A - B                   | R      |
| $V_{ID} \geq 0.2V$      | 1      |
| $-0.2V < V_{ID} < 0.2V$ | ?      |
| $V_{ID} \leq -0.2V$     | 0      |
| OPEN                    | 1      |

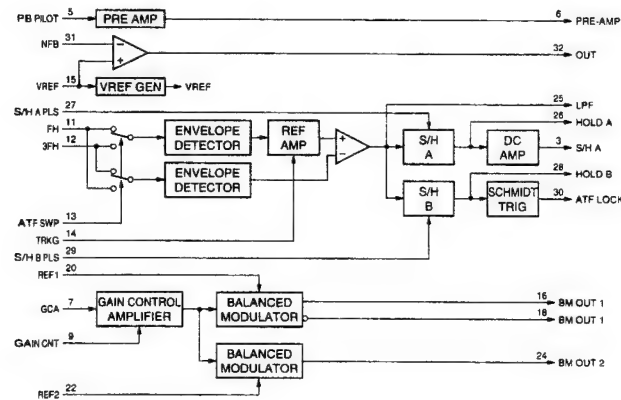


CXA8044Q-T4 (SONY)

BALANCED MODULATOR AND RF ENVELOPE DETECTOR  
-TOP VIEW-

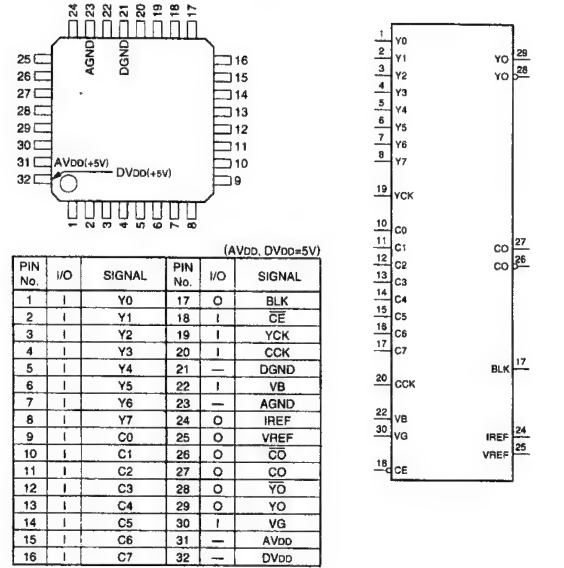


| PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL    |
|---------|-----|----------|---------|-----|-----------|
| 1       | -   | NC       | 17      | -   | NC        |
| 2       | -   | PB SV    | 18      | O   | BM OUT 1  |
| 3       | O   | S/H A    | 19      | -   | GND       |
| 4       | -   | VCC(+5V) | 20      | I   | REF1      |
| 5       | I   | PB PILOT | 21      | -   | NC        |
| 6       | O   | PRE-AMP  | 22      | I   | REF2      |
| 7       | I   | GCA      | 23      | -   | NC        |
| 8       | -   | NC       | 24      | O   | BM OUT 2  |
| 9       | I   | GAIN CNT | 25      | -   | LPF       |
| 10      | -   | NC       | 26      | O   | HOLD A    |
| 11      | I   | FH       | 27      | O   | S/H A PLS |
| 12      | I   | 3FH      | 28      | O   | HOLD B    |
| 13      | I   | ATF SWP  | 29      | I   | S/H B PLS |
| 14      | I   | TRKG     | 30      | O   | ATF LOCK  |
| 15      | -   | VREF     | 31      | I   | NFB       |
| 16      | O   | BM OUT 1 | 32      | O   | OUT       |



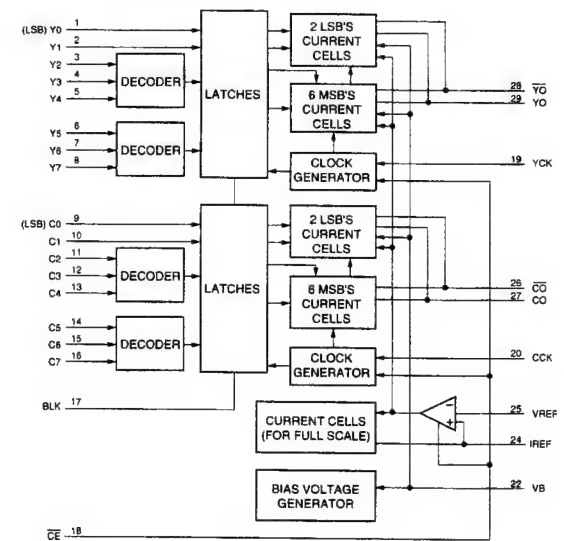
CXD1177Q (SONY)  
CXD1177Q-T4

C-MOS Y/C 2 CHANNEL D/A CONVERTER  
-TOP VIEW-

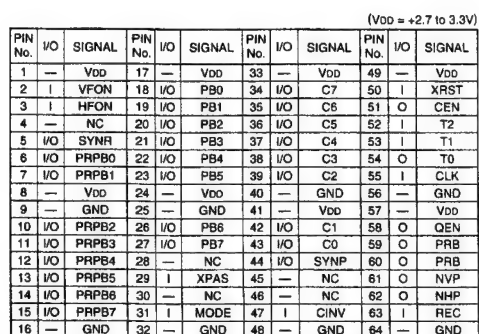


**INPUT**  
C0-C7 : C DATA  
CCK : CHROMA CLOCK  
CE : CHIP ENABLE  
VB : BIAS VOLTAGE  
VG : GND VOLTAGE  
Y0-Y7 : Y DATA  
YCK : LUMINANCE CLOCK

**OUTPUT**  
BLK : BLANKING PULSE  
CO, CO : C DATA  
IREF : CURRENT REFERENCE  
VREF : VOLTAGE REFERENCE  
YO, YO : Y DATA

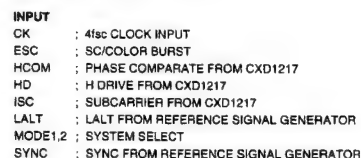


C-MOS SIGNAL PROCESSOR (DIGITAL VTR)  
-TOP VIEW-



|      |  |
|------|--|
| MODE | PRPB0 - PRPB7                              |
| L    | PR DATA                                    |
| H    | 13.5 MHz RATE TIME MULTIPLEXED PR, PB DATA |

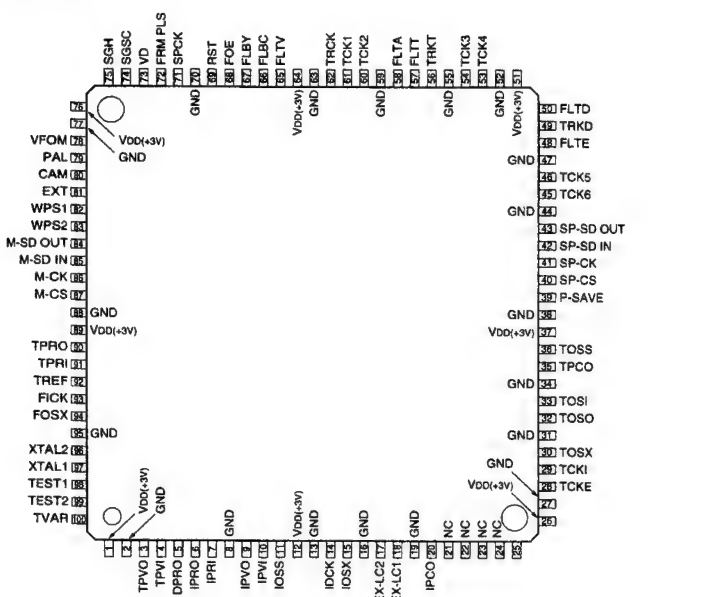
C-MOS GENLOCK DRIVER  
-TOP VIEW-



|         |                                 |
|---------|---------------------------------|
| HCOM    | : PHASE COMPARATOR HR WITH HD   |
| HR      | : 1n OF SYNC SEPARATE           |
| INT/EXT | : INTERNAL/EXTERNAL SPECIFIED   |
| LALTR   | : LINE CHANGE RESET             |
| SCCOM   | : PHASE COMPARATOR ESC WITH ISC |
| TGC     | : TRISTATE CONTROL              |
| VR      | : 1V OF SYNC SEPARATE           |

CXD2191R-T6 (SONY)

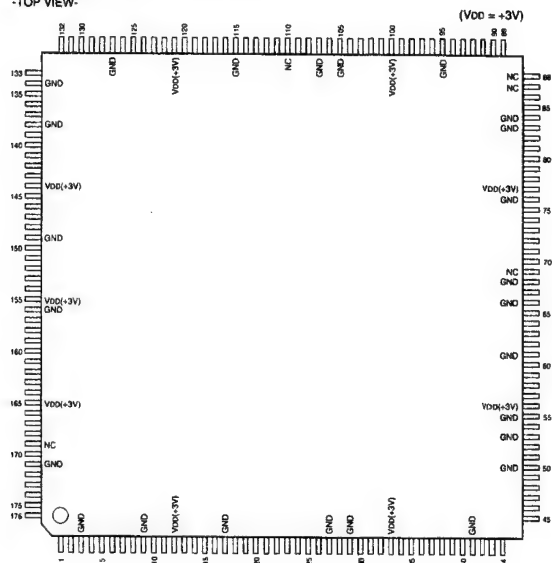
C-MOS CLOCK/TIMING GENERATOR  
-TOP VIEW-



|    |          |           |    |             |  |
|----|----------|-----------|----|-------------|--|
| 68 | RST      | VFOM      | 78 | INPUT       |  |
| 85 | M-SD IN  | PAL       | 79 | EX-LC1      | : EXTERNAL LC RESONATOR                              |
| 86 | M-CK     | CAM       | 80 | FICK        | : 13.5MHz OSCILLATOR                                 |
| 87 | M-CS     | EXT       | 81 | FLTE        | : REFERENCE FRAME PULSE FOR THE INDI MODE            |
| 71 | SPCK     | WPS1      | 82 | FOE         | : REFERENCE FRAME PULSE FOR THE LINE & CAMERA MODE   |
| 72 | FRM PLS  | WPS2      | 83 | FRM PLS     | : FRAME PULSE FOR THE AFC                            |
| 73 | VD       | M-SD OUT  | 84 | IDCK        | : FRAME LOCKED 13.5MHz CLOCK                         |
| 39 | P-SAVE   | FLBY      | 86 | IOSS        | : FRAME LOCKED 13.5MHz DIRECT OR 1/2 SELECT          |
| 40 | SP-CS    | SP-SD OUT | 67 | IPRI        | : PILOT REFERENCE                                    |
| 41 | SP-CK    | FLTV      | 43 | IPVI        | : PILOT REFERENCE FEEDBACK                           |
| 42 | SP-SD IN | FLTT      | 85 | M-CK        | : DATA TRANSFER CLOCK                                |
| 48 | FLTE     | TRKT      | 56 | M-CS        | : CHIP SELECT  |
| 66 | FOE      | FLTD      | 50 | M-SD IN     | : SERIAL DATA  |
| 62 | TRCK     | TRKD      | 49 | P-SAVE      | : POWER SAVE   |
| 29 | TKC1     | FLTA      | 58 | RST         | : RESET  |
| 28 | TKCE     | TKC1      | 61 | SPCK        | : HORIZONTAL LOCKED CLOCK (13.5kHz)                  |
| 36 | TOSS     | TKC2      | 80 | SP-CK       | : DATA TRANSFER CLOCK                                |
| 33 | TOS1     | TKC3      | 54 | SP-CS       | : CHIP SELECT  |
| 4  | TPV1     | TKC4      | 53 | SP-SD IN    | : SERIAL DATA  |
| 91 | TPPI     | TKC5      | 46 | TKCE        | : TRCK BUFFER FOR THE TKC5 & 6                       |
| 97 | XTAL1    | TKC6      | 45 | TKC1        | : TRCK BUFFER FOR THE TKC1 - 4                       |
| 96 | XTAL2    | TSOS      | 30 | TOS1        | : EXTERNAL LC RESONATOR                              |
| 18 | EX-LC1   | TOSO      | 32 | TOSS        | : EXTERNAL LC RESONATOR DIRECT OR 1/2 SELECT         |
| 17 | EX-LC2   | TPCO      | 3  | TPRI        | : EXTERNAL PLL REFERENCE FOR THE TRCK PLL            |
| 83 | FICK     | TPVO      | 3  | TPV1        | : TRCK PILOT FEEDBACK                                |
| 10 | IPVI     | TVAR      | 90 | TRCK        | : TR CLOCK   |
| 7  | IPRI     | TREF      | 92 | VD          | : VERTICAL PULSE FOR THE AFC                         |
| 11 | IOSS     | SGBC      | 74 | XTAL1       | : 13.5MHz EXTERNAL CRYSTAL OSCILLATOR                |
| 14 | ISGH     | SGH       | 75 | OUTPUT      |  |
| 14 | IDCK     | FSOX      | 94 | CAM         | : STATUS (L = LINE, H = CAM)                         |
| 99 | TEST1    | IPVO      | 9  | OPRO        | : DRUM REFERENCE PROTECTION                          |
| 99 | TEST2    | DPRO      | 5  | EX-LC2      | : EXTERNAL LC RESONATOR                              |
|    |          | IPRO      | 8  | EXT         | : STATUS (L = INT, H = EXT)                          |
|    |          | IPCO      | 20 | FLBC        | : FRAME PULSE FOR THE BLK-C DATA IN PB MODE          |
|    |          | IOSX      | 15 | FLBY        | : FRAME PULSE FOR THE BLK-Y DATA IN PB MODE          |
|    |          |           |    | FLTA        | : FRAME PULSE FOR THE RECORDING AUDIO                |
|    |          |           |    | FLTD        | : FRAME PULSE FOR THE MECHANICAL & SPEED CONTROLLERS |
|    |          |           |    | FLTT        | : FRAME PULSE FOR THE DESHUFFLE MEMORY               |
|    |          |           |    | FLTV        | : FRAME PULSE FOR THE BLK-MEMORY                     |
|    |          |           |    | FSOX        | : EXTERNAL CRYSTAL OSCILLATOR BUFFERED OUTPUT        |
|    |          |           |    | IPCO        | : CHARGE PUMP OUTPUT FOR THE IDCK PLL                |
|    |          |           |    | IOSX        | : IDCK PLL OSCILLATOR                                |
|    |          |           |    | IPRO        | : PILOT REFERENCE SIGNAL FOR THE IDCK PLL            |
|    |          |           |    | IPVO        | : PILOT FEEDBACK SIGNAL                              |
|    |          |           |    | M-SD OUT    | : SERIAL DATA FOR THE MODE CONTROLLER                |
|    |          |           |    | PAL         | : STATUS (L = NTSC, H = PAL)                         |
|    |          |           |    | SGH         | : JSG HORIZONTAL PULSE IN PLAYBACK MODE              |
|    |          |           |    | SGSC        | : JSG ODD/EVEN IN PLAYBACK MODE                      |
|    |          |           |    | SP-SD OUT   | : SERIAL DATA FOR THE SPEED CONTROLLER               |
|    |          |           |    | TKC1 - TKC6 | : TRCK CLOCK BUFFERS                                 |
|    |          |           |    | TOSO        | : EXTERNAL LC RESONATOR FOR THE TRCK PLL             |
|    |          |           |    | TSOX        | : TRCK PLL OSCILLATOR                                |
|    |          |           |    | TPCO        | : CHARGE PUMP FOR THE TRCK PLL                       |
|    |          |           |    | TPVO        | : PILOT FEEDBACK SIGNAL FOR THE TRCK PLL             |
|    |          |           |    | TPRO        | : EXTERNAL PLL REFERENCE SIGNAL FOR THE TRCK PLL     |
|    |          |           |    | TREF        | : REFERENCE PULSE FOR THE FRAME PLL                  |
|    |          |           |    | TRKD        | : TRACK PULSE FOR THE MECHANICAL & SPEED CONTROLLERS |
|    |          |           |    | TRKT        | : TRACK PULSE FOR THE DESHUFFLE MEMORY               |
|    |          |           |    | TVAR        | : FRAME PLL FEEDBACK PULSE (FOR OPERATION CHECK)     |
|    |          |           |    | VFOM        | : STATUS   |
|    |          |           |    | WPS1        | : STATUS   |
|    |          |           |    | WPS2        | : STATUS   |
|    |          |           |    | XTAL2       | : 13.5MHz EXTERNAL CRYSTAL OSCILLATOR                |

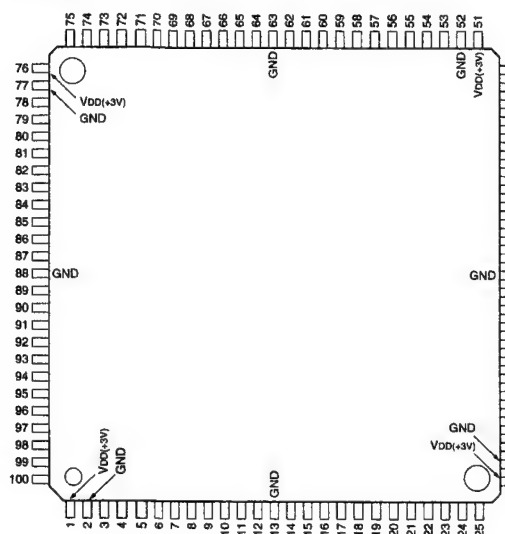
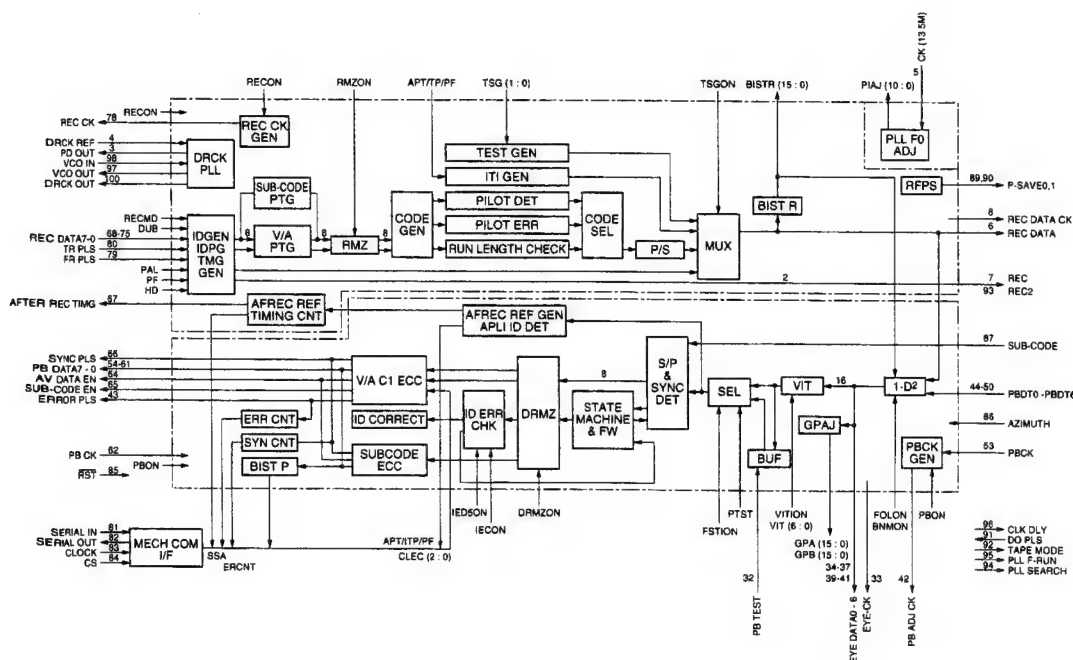
## CXD2187AR (SONY)

SIGNAL PROCESSOR FOR THE DIGITAL VCR  
-TOP VIEW-



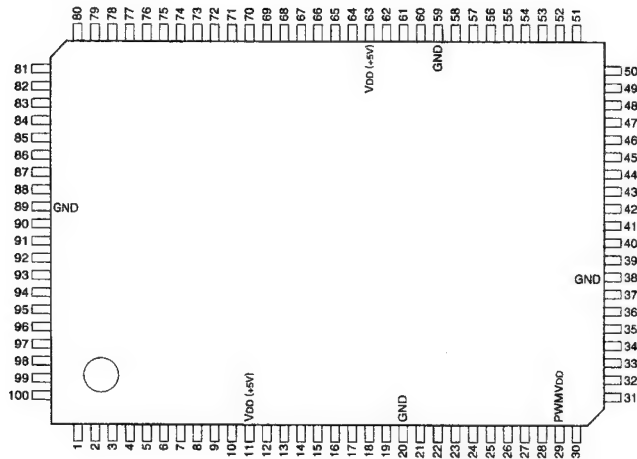
| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL  | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|---------|---------|-----|--------|---------|-----|--------|
| 1       | I   | SMODE  | 45      | I   | SDI0    | 89      | I/O | IDT15  | 133     | I/O | IDT0   |
| 2       | I   | TMODE  | 46      | I/O | SDI1    | 90      | I/O | IDT14  | 134     | —   | GND    |
| 3       | —   | GND    | 47      | I/O | SIO0    | 91      | —   | JSWP   | 135     | I/O | FIDT2  |
| 4       | O   | ADR54  | 48      | O   | DTOE    | 92      | I/O | IDT13  | 136     | I/O | FIDT1  |
| 5       | O   | ADR55  | 49      | I   | RAMTEST | 93      | I/O | IDT12  | 137     | I/O | FIDT0  |
| 6       | O   | ADR56  | 50      | —   | GND     | 94      | I/O | IDT11  | 138     | —   | GND    |
| 7       | O   | ADR57  | 51      | O   | TRP     | 95      | —   | GND    | 139     | I   | BUPFS  |
| 8       | O   | ADR58  | 52      | O   | FRP     | 96      | I/O | IDT10  | 140     | I   | AENA   |
| 9       | —   | GND    | 53      | —   | GND     | 97      | I/O | IDT9   | 141     | O   | ASTART |
| 10      | O   | RA5    | 54      | I   | VRCK    | 98      | I/O | IDT8   | 142     | O   | ADTOT  |
| 11      | O   | UWE    | 55      | —   | GND     | 99      | I/O | IDT7   | 143     | I   | ADTIN  |
| 12      | —   | VDD    | 56      | —   | VDD     | 100     | —   | VDD    | 144     | —   | VDD    |
| 13      | O   | LW5    | 57      | O   | DTSC0   | 101     | I/O | IDT6   | 145     | O   | SPSI   |
| 14      | I/O | W5     | 58      | O   | DTSC1   | 102     | I/O | IDT5   | 146     | I   | SPSO   |
| 15      | I/O | SIO7   | 59      | O   | DTSC2   | 103     | I/O | IDT4   | 147     | I   | SPPOCK |
| 16      | I/O | W6     | 60      | O   | DTSC3   | 104     | I/O | IDT3   | 148     | I   | XRSST  |
| 17      | —   | GND    | 61      | —   | GND     | 105     | —   | GND    | 149     | —   | GND    |
| 18      | I/O | SIO6   | 62      | O   | DTSC4   | 106     | I   | TRCK   | 150     | I   | SPCS   |
| 19      | I/O | SIO12  | 63      | O   | DTSC5   | 107     | —   | GND    | 151     | I   | MCCS   |
| 20      | I/O | W13    | 64      | O   | DTSC6   | 108     | I   | FLTT   | 152     | I   | MCSCQ  |
| 21      | I/O | SIO13  | 65      | O   | DTSC7   | 109     | I   | TRKT   | 153     | I   | MCSO   |
| 22      | I/O | W14    | 66      | —   | GND     | 110     | —   | NC     | 154     | O   | MCSI   |
| 23      | I/O | SIO14  | 67      | I   | VPCK    | 111     | O   | IENPA  | 155     | —   | VDD    |
| 24      | I/O | W15    | 68      | —   | GND     | 112     | O   | IENPV  | 156     | —   | GND    |
| 25      | O   | SIO15  | 69      | —   | NC      | 113     | O   | IUEC   | 157     | I/O | W12    |
| 26      | O   | SC     | 70      | I   | SYCS    | 114     | O   | BOPSF  | 158     | I/O | SIO11  |
| 27      | O   | SC     | 71      | I   | SDCVCS  | 115     | I/O | IDT5   | 159     | I/O | W11    |
| 28      | O   | SC     | 72      | I   | VAOVCS  | 116     | I/O | FIDT15 | 160     | I/O | SIO10  |
| 29      | —   | GND    | 73      | I   | DTCS0   | 117     | I/O | FIDT14 | 161     | I/O | W10    |
| 30      | I/O | W5     | 74      | I   | DTCS1   | 118     | I/O | FIDT13 | 162     | I/O | SIO9   |
| 31      | I/O | SIO5   | 75      | I   | DTCS2   | 119     | I/O | FIDT12 | 163     | I/O | W9     |
| 32      | I/O | W4     | 76      | —   | GND     | 120     | I/O | FIDT11 | 164     | I/O | SIO8   |
| 33      | —   | VDD    | 77      | —   | VDD     | 121     | —   | VDD    | 165     | —   | VDD    |
| 34      | I/O | SIO4   | 78      | I   | DTCS3   | 122     | I/O | FIDT10 | 166     | I/O | W8     |
| 35      | I/O | W3     | 79      | I   | DTCS4   | 123     | I/O | FIDT9  | 167     | O   | DSF    |
| 36      | I/O | SIO3   | 80      | I   | DTCS5   | 124     | I/O | FIDT8  | 168     | O   | CAS    |
| 37      | I/O | W2     | 81      | I   | DTCS6   | 125     | I/O | FIDT7  | 169     | —   | NC     |
| 38      | I/O | SIO2   | 82      | I   | DTCS7   | 126     | I/O | FIDT6  | 170     | O   | ADR50  |
| 39      | —   | GND    | 83      | —   | GND     | 127     | I/O | GND    | 171     | —   | GND    |
| 40      | I/O | W1     | 84      | I   | GND     | 128     | I/O | FIDT5  | 172     | O   | ADR51  |
| 41      | I/O | SIO1   | 85      | I   | TBCRE   | 129     | I/O | FIDT4  | 173     | O   | ADR52  |
| 42      | I/O | W0     | 86      | I   | BANK    | 130     | I/O | FIDT3  | 174     | O   | ADR53  |
| 43      | I   | ACLK1  | 87      | —   | NC      | 131     | I/O | IDT2   | 175     | I   | IDS1L  |
| 44      | I   | BCLK1  | 88      | —   | NC      | 132     | I/O | IDT1   | 176     | I   | IDS1O  |

C-MOS CHANNEL ENCODER/DECODER(FOR DIGITAL VCR)  
-TOP VIEW-

[illegible]

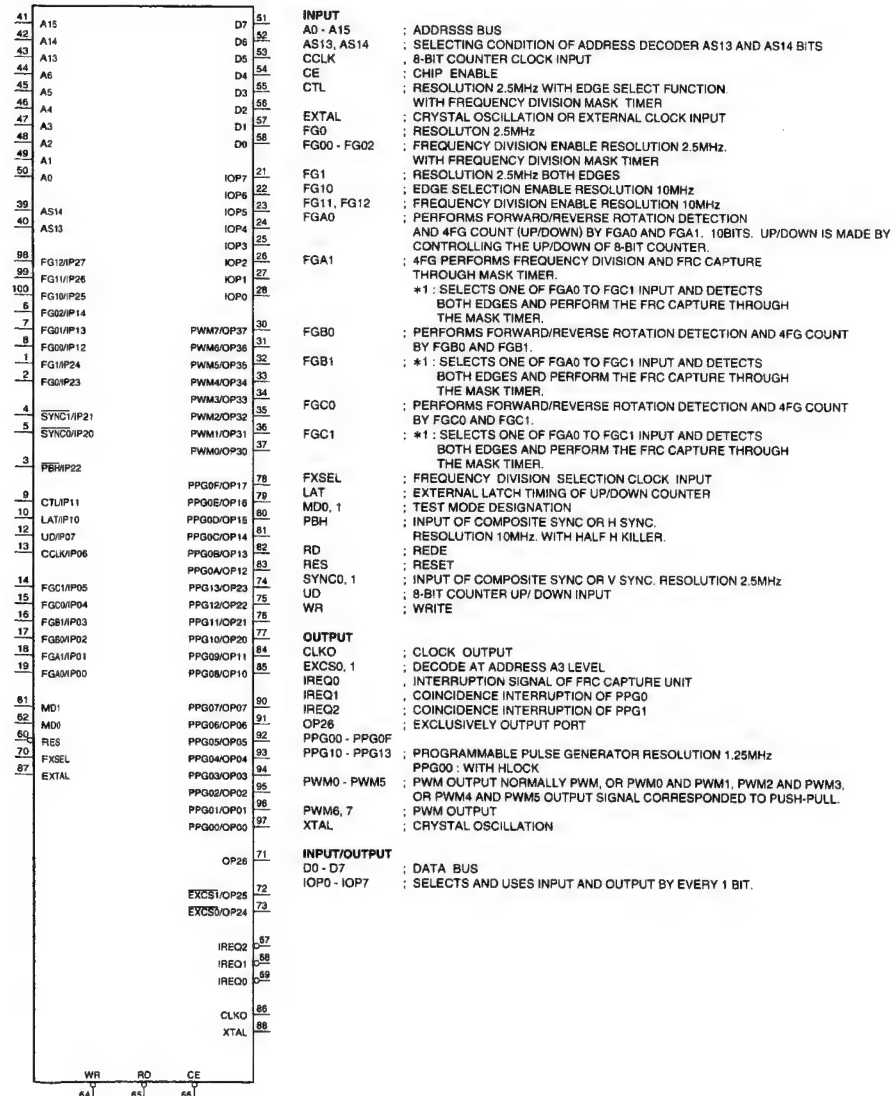


## CXD2202Q (SONY)

SERVO IC  
-TOP VIEW-

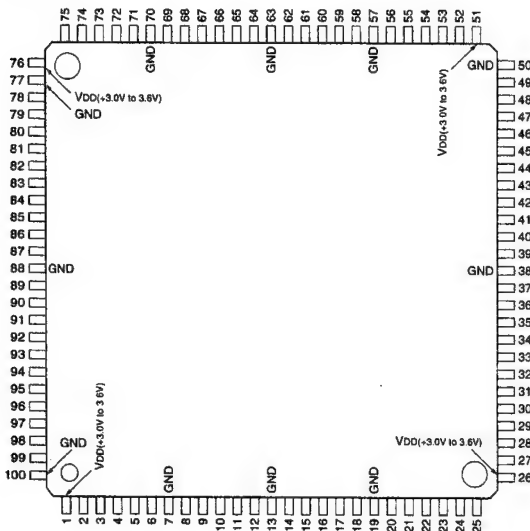
(VDD = +5V)

| PIN No. | I/O | SIGNAL     | PIN No. | I/O | SIGNAL    | PIN No. | I/O | SIGNAL     | PIN No. | I/O | SIGNAL     |
|---------|-----|------------|---------|-----|-----------|---------|-----|------------|---------|-----|------------|
| 1       | I   | FG1/FP24   | 26      | I/O | IOP2      | 51      | I/O | D7         | 76      | O   | PPG11/OP21 |
| 2       | I   | FG0/FP23   | 27      | I/O | IOP1      | 52      | I/O | D6         | 77      | O   | PPG10/OP20 |
| 3       | I   | PBH/FP22   | 28      | I/O | IOP0      | 53      | I/O | D5         | 78      | O   | PPG0F/OP17 |
| 4       | I   | SYNC1/FP21 | 29      | —   | PWM VDD   | 54      | I/O | D4         | 79      | O   | PPG0E/OP16 |
| 5       | I   | SYNC0/FP20 | 30      | O   | PWM7/OP37 | 55      | I/O | D3         | 80      | O   | PPG0D/OP15 |
| 6       | I   | FG02/FP14  | 31      | O   | PWM6/OP36 | 56      | I/O | D2         | 81      | O   | PPG0C/OP14 |
| 7       | I   | FG01/FP13  | 32      | O   | PWM5/OP35 | 57      | I/O | D1         | 82      | O   | PPG0B/OP13 |
| 8       | I   | FG00/FP12  | 33      | O   | PWM4/OP34 | 58      | I/O | D0         | 83      | O   | PPG0A/OP12 |
| 9       | I   | CTL/FP11   | 34      | O   | PWM3/OP33 | 59      | —   | GND        | 84      | O   | PPG09/OP11 |
| 10      | I   | LAT/FP10   | 35      | O   | PWM2/OP32 | 60      | I   | RES        | 85      | O   | PPG08/OP10 |
| 11      | —   | VDD        | 36      | O   | PWM1/OP31 | 61      | I   | MD1        | 86      | O   | CLKO       |
| 12      | I   | UD/FP07    | 37      | O   | PWM0/OP30 | 62      | I   | MD0        | 87      | I   | EXTAL      |
| 13      | I   | CCLK/FP06  | 38      | —   | GND       | 63      | —   | VDD        | 88      | O   | XTAL       |
| 14      | I   | FGC1/FP05  | 39      | I   | AS14      | 64      | I   | WR         | 89      | —   | GND        |
| 15      | I   | FGC0/FP04  | 40      | I   | AS13      | 65      | I   | RD         | 90      | O   | PPG07/OP07 |
| 16      | I   | FGB1/FP03  | 41      | I   | A15       | 66      | I   | CE         | 91      | O   | PPG06/OP06 |
| 17      | I   | FGB0/FP02  | 42      | I   | A14       | 67      | O   | IREQ2      | 92      | O   | PPG05/OP05 |
| 18      | I   | FGA1/FP01  | 43      | I   | A13       | 68      | O   | IREQ1      | 93      | O   | PPG04/OP04 |
| 19      | I   | FGA0/FP00  | 44      | I   | A6        | 69      | O   | IREQ0      | 94      | O   | PPG03/OP03 |
| 20      | —   | GND        | 45      | I   | A5        | 70      | I   | FXSEL      | 95      | O   | PPG02/OP02 |
| 21      | I/O | IOP7       | 46      | I   | A4        | 71      | O   | OP26       | 96      | O   | PPG01/OP01 |
| 22      | I/O | IOP6       | 47      | I   | A3        | 72      | O   | EXCS1/OP25 | 97      | O   | PPG00/OP00 |
| 23      | I/O | IOP5       | 48      | I   | A2        | 73      | O   | EXCS0/OP24 | 98      | I   | FG12/FP27  |
| 24      | I/O | IOP4       | 49      | I   | A1        | 74      | O   | PPG13/OP23 | 99      | I   | FG11/FP26  |
| 25      | I/O | IOP3       | 50      | I   | A0        | 75      | O   | PPG12/OP22 | 100     | I   | FG10/FP25  |





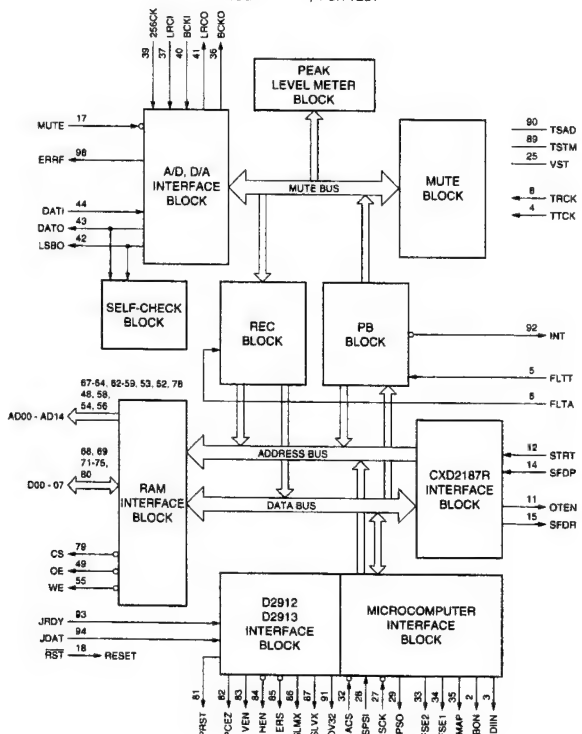
## CXD2190R-T6 (SONY)

DIGITAL VCR AUDIO REC/PB SIGNAL PROCESSOR  
-TOP VIEW-

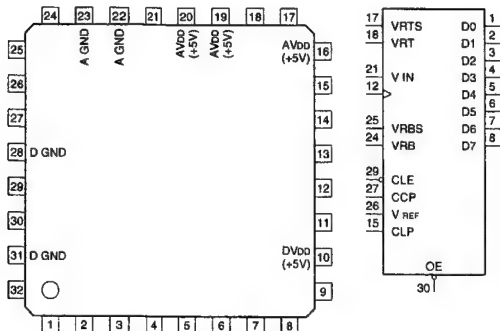
| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | —   | VDD    | 35      | O   | EMAP   | 69      | I/O | D01    |
| 2       | O   | PBON   | 36      | O   | BCKO   | 70      | —   | GND    |
| 3       | O   | DIIN   | 37      | I   | LRCI   | 71      | I/O | D02    |
| 4       | I   | TTCK   | 38      | —   | GND    | 72      | I/O | D03    |
| 5       | I   | FLTT   | 39      | I   | 256CK  | 73      | I/O | D04    |
| 6       | I   | FLTA   | 40      | I   | BCKI   | 74      | I/O | D05    |
| 7       | —   | GND    | 41      | O   | LRCO   | 75      | I/O | D06    |
| 8       | I   | TRCK   | 42      | O   | LSBO   | 76      | —   | VDD    |
| 9       | I/O | TSDA   | 43      | O   | DATO   | 77      | —   | GND    |
| 10      | I/O | TSCK   | 44      | I   | DATI   | 78      | O   | AO10   |
| 11      | O   | OTEN   | 45      | O   | DSPO   | 79      | O   | CS     |
| 12      | I   | STRT   | 46      | O   | ATC    | 80      | I/O | D07    |
| 13      | —   | GND    | 47      | O   | ATLT   | 81      | O   | PRST   |
| 14      | I   | SFDP   | 48      | O   | AO11   | 82      | O   | PCEZ   |
| 15      | O   | SFDR   | 49      | O   | OE     | 83      | O   | VEN    |
| 16      | I   | P-SAVE | 50      | —   | GND    | 84      | O   | HEN    |
| 17      | I   | MUTE   | 51      | —   | VDD    | 85      | O   | ERS    |
| 18      | I   | RST    | 52      | O   | AO09   | 86      | O   | SLMX   |
| 19      | —   | GND    | 53      | O   | AO08   | 87      | O   | SLVX   |
| 20      | —   | BC     | 54      | O   | AO13   | 88      | —   | GND    |
| 21      | —   | TCK    | 55      | O   | WE     | 89      | I   | TSTM   |
| 22      | —   | TDI    | 56      | O   | AO14   | 90      | I   | TSAD   |
| 23      | —   | TENA1  | 57      | —   | GND    | 91      | O   | DV32   |
| 24      | —   | TDO    | 58      | O   | AO12   | 92      | O   | INT    |
| 25      | I   | VST    | 59      | O   | AO07   | 93      | I   | JRDY   |
| 26      | —   | VDD    | 60      | O   | AO06   | 94      | I   | JDAT   |
| 27      | I   | SCK    | 61      | O   | AO05   | 95      | O   | TNOM   |
| 28      | I   | SPSI   | 62      | O   | AO04   | 96      | O   | TSTN   |
| 29      | O   | SPSO   | 63      | —   | GND    | 97      | O   | TBIS   |
| 30      | I   | DSP    | 64      | O   | AO03   | 98      | O   | ERRF   |
| 31      | I   | ATT    | 65      | O   | AO02   | 99      | I/O | TSG    |
| 32      | I   | ACS    | 66      | O   | AO01   | 100     | —   | GND    |
| 33      | O   | FSE2   | 67      | O   | AO00   |         |     |        |
| 34      | O   | FSE1   | 68      | I/O | D00    |         |     |        |

|    |       |            |    |  |  |
|----|-------|------------|----|--|--|
| 35 | 256CK | ERRF       | 98 | INPUT  |  |
| 37 | LRCI  | LRCO       | 41 | 256fs CLOCK INPUT                                |  |
| 40 | BCKI  | BCKO       | 36 | COMMUNICATION CHIP SELECT (L = ACTIVE) INPUT     |  |
| 42 | MUTE  | LSBO       | 42 | AUTO ATTENUATION INTERFACE CHIP SELECT INPUT     |  |
| 44 | DATI  | DATO       | 43 | 64fs INPUT                                       |  |
| 5  | FLTT  | INT        | 92 | AUDIO DATA INPUT                                 |  |
| 6  | FLTA  | OTEN       | 11 | ADSP INTERFACE CHIP SELECT INPUT                 |  |
| 12 | STRT  | SFDR       | 15 | FRAME SIGNAL FOR RECORDING INPUT                 |  |
| 14 | SFDP  | CS         | 29 | FRAME SIGNAL FOR TRANSMISSION AND PLAYBACK INPUT |  |
| 20 | BC    | OE         | 59 | EXTERNAL DEVICE INTERFACE INPUT                  |  |
| 21 | TCK   | WE         | 55 | EXTERNAL DEVICE INTERFACE INPUT                  |  |
| 22 | TDI   | AD00       | 67 | fs CLOCK INPUT                                   |  |
| 24 | TENA1 | AD01       | 87 | DIRECT MUTE INPUT (L = MUTE)                     |  |
| 25 | TDO   | AD02       | 86 | POWER SAVE INPUT (L = POWER SAVE)                |  |
| 28 | VST   | AD03       | 85 | RESET INPUT (L = RESET)                          |  |
| 29 | TSTM  | AD04       | 84 | SYSTEM CLOCK INPUT                               |  |
| 30 | TSAD  | AD05       | 83 | PLAYBACK DATA INPUT                              |  |
| 38 | TRCK  | AD06       | 82 | COMMUNICATION DATA INPUT                         |  |
| 4  | TTCK  | AD07       | 81 | REC/PB DATA COMMUNICATION START PULSE INPUT      |  |
|    |       | AD08       | 80 | TRACK  |  |
|    |       | AD09       | 79 | TSAD   |  |
|    |       | AD10       | 78 | TSTM   |  |
|    |       | AD11       | 77 | TTCK   |  |
|    |       | AD12       | 76 | VST  |  |
|    |       | AD13       | 75 |  |  |
|    |       | AD14       | 74 |  |  |
|    |       | D00        | 68 |  |  |
|    |       | D01        | 69 |  |  |
|    |       | D02        | 70 |  |  |
|    |       | D03        | 71 |  |  |
|    |       | D04        | 72 |  |  |
|    |       | D05        | 73 |  |  |
|    |       | D06        | 74 |  |  |
|    |       | D07        | 75 |  |  |
|    |       | PRST       | 81 |  |  |
|    |       | PCEZ       | 82 |  |  |
|    |       | VEN        | 83 |  |  |
|    |       | HEN        | 84 |  |  |
|    |       | INT        | 85 |  |  |
|    |       | ERS        | 86 |  |  |
|    |       | FSE1, FSE2 | 87 |  |  |
|    |       | SLMX       | 88 |  |  |
|    |       | SLVX       | 89 |  |  |
|    |       | DV32       | 90 |  |  |
|    |       | SPSO       | 91 |  |  |
|    |       | SPSI       | 92 |  |  |
|    |       | SCK        | 93 |  |  |
|    |       | P-SAVE     | 94 |  |  |
|    |       | DSP        | 95 |  |  |
|    |       | ATT        | 96 |  |  |
|    |       | RST        | 97 |  |  |
|    |       | ATLT       | 98 |  |  |
|    |       | DSPO       | 99 |  |  |

**INPUT/OUTPUT**  
D00 - D07 : EXTERNAL RAM DATA INPUT/OUTPUT  
TSCK : FOR TEST  
TSDA : FOR TEST  
TSG : FOR TEST



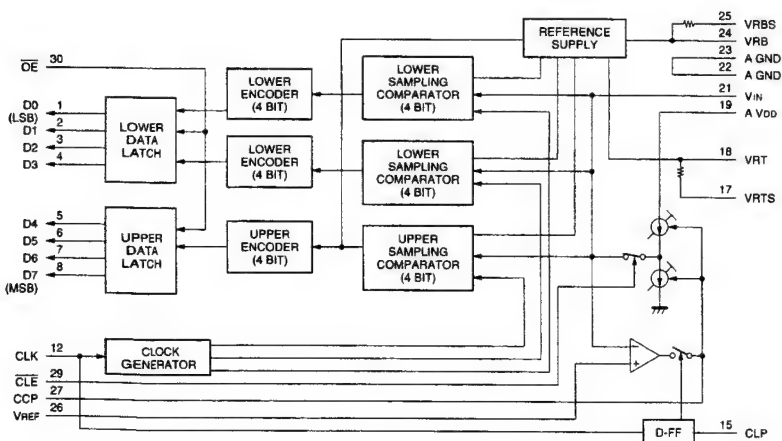
CXD2302Q-T4 (SONY)  
C-MOS 8-BIT 50MSPS VIDEO A/D CONVERTER  
- TOP VIEW -

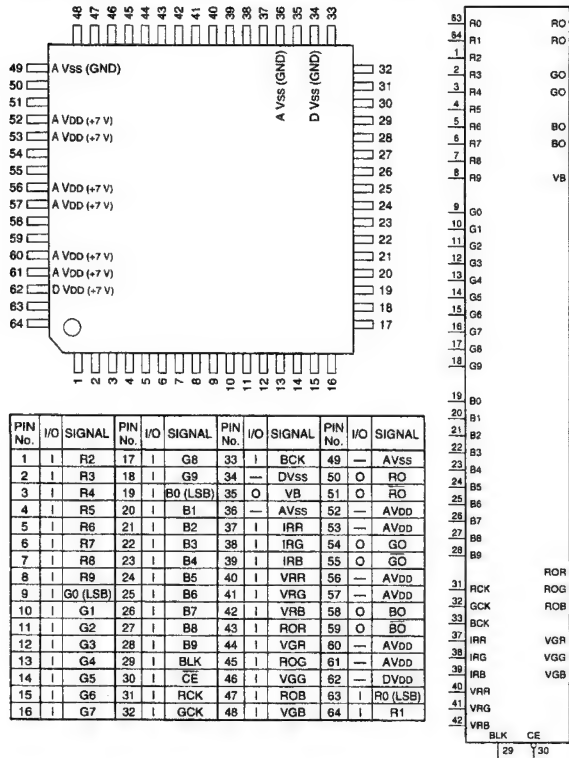
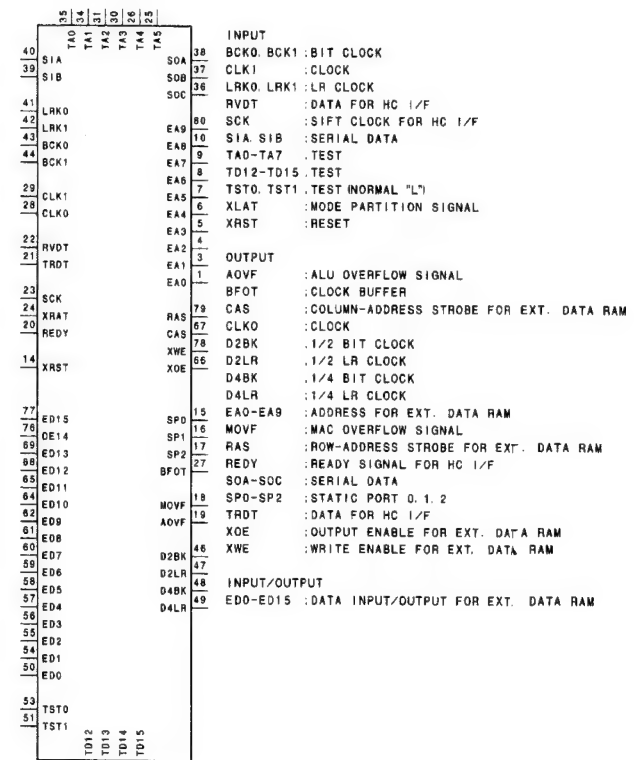
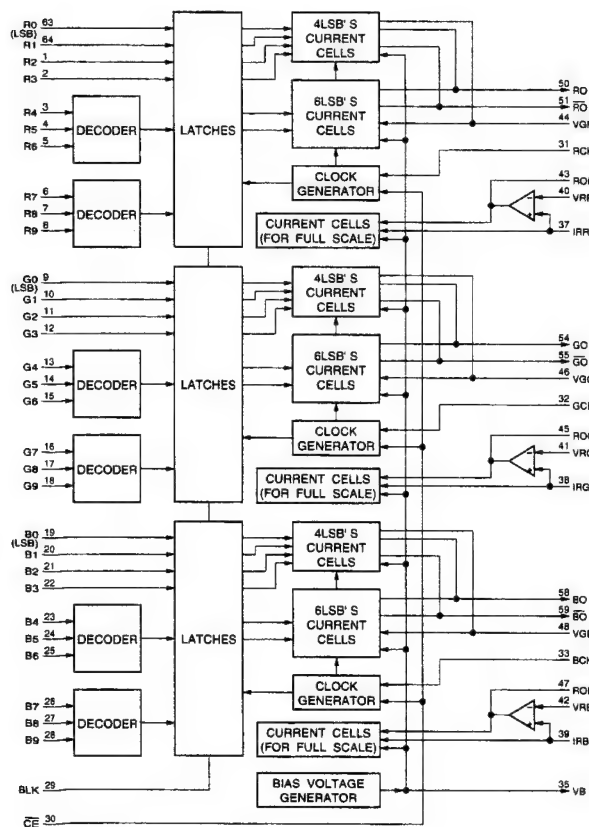
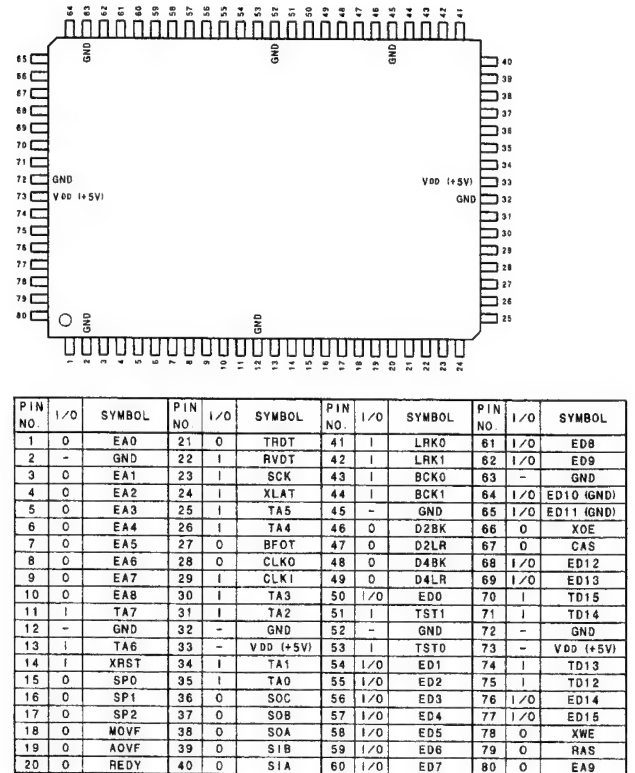


| PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL |
|---------|-----|----------|---------|-----|--------|
| 1       | O   | D0 (LSB) | 17      | I   | VRTS   |
| 2       | O   | D1       | 18      | I   | VRT    |
| 3       | O   | D2       | 19      | -   | A VDD  |
| 4       | O   | D3       | 20      | -   | A VDD  |
| 5       | O   | D4       | 21      | I   | V IN   |
| 6       | O   | D5       | 22      | -   | A GND  |
| 7       | O   | D6       | 23      | -   | A GND  |
| 8       | O   | D7 (MSB) | 24      | I   | VRB    |
| 9       | -   | TEST     | 25      | I   | VRBS   |
| 10      | -   | D VDD    | 26      | I   | V REF  |
| 11      | -   | TEST     | 27      | I   | CCP    |
| 12      | I   | CLK      | 28      | -   | D GND  |
| 13      | -   | NC       | 29      | I   | CL     |
| 14      | -   | NC       | 30      | I   | OE     |
| 15      | I   | CLP      | 31      | -   | D GND  |
| 16      | -   | A VDD    | 32      | -   | NC     |

**INPUT**  
CCP : CLAMP CONTROL VOLTAGE  
FOR INTEGRATOR  
CL : CLAMP ENABLE  
CLK : CLOCK  
CLP : CLAMP PULSE  
OE : OUTPUT ENABLE  
V IN : ANALOG  
VRB : REFERENCE VOLTAGE (BOTTOM)  
VRBS : SELF REFERENCE VOLTAGE  
SHORT TO AGND (+0.6 V/BOTTOM)  
V REF : VOLTAGE REFERENCE FOR CLAMP  
VRT : REFERENCE VOLTAGE (TOP)  
VRTS : SELF REFERENCE VOLTAGE SHORT TO A VDD  
(+2.5 V/TOP)

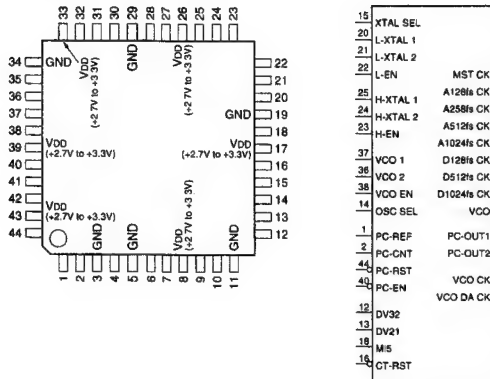
**OUTPUT**  
D0-D7 : DATA



**CXD2307R-T4 (SONY) FLAT PACKAGE**  
**CXD2307R-T6**
**C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER**  
 — TOP VIEW —

**CXD2705AQ (SONY) FLAT PACKAGE**
**C-MOS DIGITAL AUDIO SIGNAL PROCESSOR**  
 — TOP VIEW —




## CXD2913AQ (SONY)

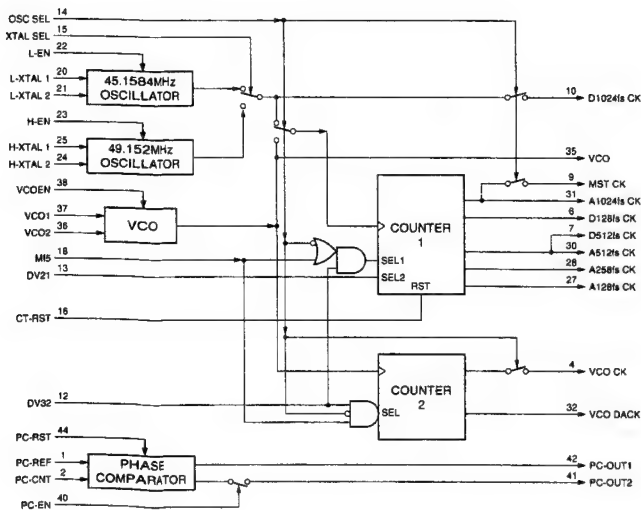
C-MOS AUDIO PLL OSCILLATOR  
-TOP VIEW-

## INPUT

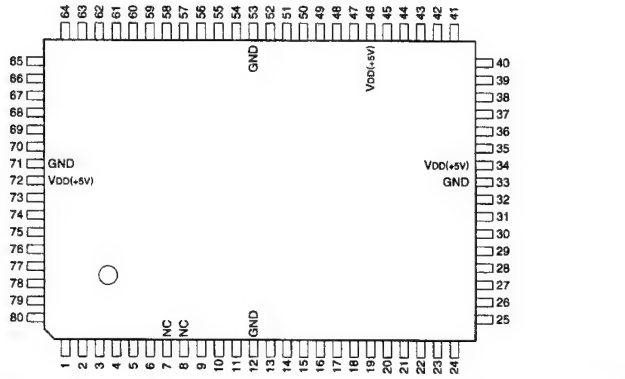
CT-RST : COUNTER RESET INPUT  
 DV21 : SPEED MODE SELECT INPUT (H = x2 SPEED, L = x1 SPEED)  
 DV32 : FS SELECT INPUT (H = 32kHz, L = 44.1kHz/48kHz)  
 H-EN : HIGHER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)  
 H-XTAL 1 : 49.152MHz CRYSTAL OSCILLATOR INPUT  
 L-EN : LOWER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)  
 L-XTAL 1 : 45.1584MHz CRYSTAL OSCILLATOR INPUT  
 M5 : COUNTER DIVIDING RATIO SELECT INPUT (H = 1/1.5, L = 1/1)  
 OSC SEL : MASTER SELECT INPUT (H = VCO, L = CRYSTAL)  
 PC-CNT : PHASE COMPARTOR CONTROL INPUT  
 PC-EN : PC-OUT2 ENABLE INPUT  
 PC-REF : PHASE COMPARTOR REFERENCE INPUT  
 PC-RST : PHASE COMPARTOR RESET INPUT  
 VCO 1 : VCO INPUT  
 VCO EN : VCO ENABLE INPUT (H = ENABLE)  
 XTAL SEL : MASTER CLOCK SELECT INPUT (H = 48MHz, L = 45MHz)

## OUTPUT

A128fs CK : ANALOG SYSTEM A/D CONVERTER 128fs CLOCK  
 A258fs CK : ANALOG SYSTEM A/D AND D/A CONVERTERS 258fs CLOCK  
 A512fs CK : ANALOG SYSTEM D/A CONVERTER 512fs CLOCK  
 A1024fs CK : ANALOG SYSTEM D/A CONVERTER 1024fs CLOCK  
 D128fs CK : DIGITAL SYSTEM 128fs CLOCK  
 D512fs CK : DIGITAL SYSTEM 512fs CLOCK  
 D1024fs CK : DIGITAL SYSTEM 1024fs CRYSTAL OSCILLATOR CLOCK  
 H-XTAL 2 : 49.152MHz CRYSTAL OSCILLATOR OUTPUT  
 L-XTAL 2 : 45.1584MHz CRYSTAL OSCILLATOR OUTPUT  
 MST CK : MASTER CLOCK (1024fs) OUTPUT  
 PC-OUT1 : PHASE COMPARTOR OUTPUT  
 PC-OUT2 : PHASE COMPARTOR OUTPUT (WITH ENABLE CONTROL)  
 VCO : VCO OUTPUT  
 VCO 2 : VCO OUTPUT  
 VCO CK : VCO CLOCK (512fs) OUTPUT  
 VCO DA CK : VCO 512fs D/A CLOCK



## CXD8176AQ (SONY)

C-MOS DUAL PORT RAM CONTROLLER  
-TOP VIEW-

| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I/O | DOL    | 21      | I/O | D7R    | 41      | I/O | D6M    | 61      | I   | A10L   |
| 2       | I   | WRL    | 22      | I/O | D6R    | 42      | I/O | D5M    | 62      | I   | A9L    |
| 3       | I   | RDL    | 23      | I/O | D5R    | 43      | I/O | D4M    | 63      | I   | A8L    |
| 4       | O   | WAITL  | 24      | I/O | D4R    | 44      | I/O | D3M    | 64      | I   | A7L    |
| 5       | I   | CSL    | 25      | I/O | D3R    | 45      | I/O | D2M    | 65      | I   | A6L    |
| 6       | I   | CKL    | 26      | I/O | D2R    | 46      | —   | VDD    | 66      | I   | A5L    |
| 7       | —   | NC     | 27      | I/O | D1R    | 47      | I/O | D1M    | 67      | I   | A4L    |
| 8       | —   | NC     | 28      | I/O | D0R    | 48      | I/O | D0M    | 68      | I   | A3L    |
| 9       | I   | A10R   | 29      | I   | WRR    | 49      | O   | A0M    | 69      | I   | A2L    |
| 10      | I   | A9R    | 30      | I   | RDR    | 50      | O   | A1M    | 70      | I   | A1L    |
| 11      | I   | A8R    | 31      | O   | WAITR  | 51      | O   | A2M    | 71      | —   | GND    |
| 12      | —   | GND    | 32      | I   | CSR    | 52      | O   | A3M    | 72      | —   | VDD    |
| 13      | I   | A7R    | 33      | —   | GND    | 53      | —   | GND    | 73      | I   | A0L    |
| 14      | I   | A6R    | 34      | —   | VDD    | 54      | O   | A4M    | 74      | I/O | D7L    |
| 15      | I   | A5R    | 35      | I   | CKR    | 55      | O   | A5M    | 75      | I/O | D6L    |
| 16      | I   | A4R    | 36      | I   | CKT    | 56      | O   | A6M    | 76      | I/O | D5L    |
| 17      | I   | A3R    | 37      | O   | WEM    | 57      | O   | A7M    | 77      | I/O | D4L    |
| 18      | I   | A2R    | 38      | O   | OEM    | 58      | O   | A8M    | 78      | I/O | D3L    |
| 19      | I   | A1R    | 39      | O   | CEM    | 59      | O   | A9M    | 79      | I/O | D2L    |
| 20      | I   | A0R    | 40      | I/O | D7M    | 60      | O   | A10M   | 80      | I/O | D1L    |

## INPUT

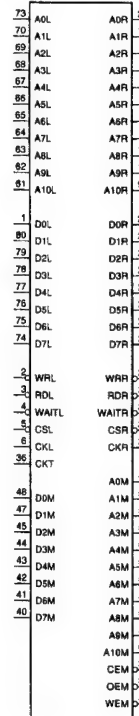
A0L - A10L : ADDRESS BUS OF PORT L  
 A0R - A10R : ADDRESS BUS OF PORT R  
 CKL : CLOCK OF PORT L  
 CKR : CLOCK OF PORT R  
 CKT : CLOCK  
 CSL : CHIP SELECT OF PORT L  
 CSR : CHIP SELECT OF PORT R  
 RDL : READ STROBE OF PORT L  
 RDR : READ STROBE OF PORT R  
 WRL : WRITE STROBE OF PORT L  
 WRR : WRITE STROBE OF PORT R

## OUTPUT

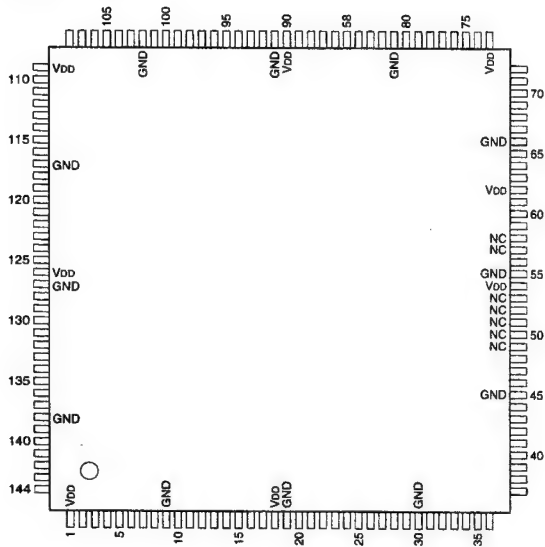
A0M - A10M : ADDRESS BUS FOR MEMORY DEVICE  
 CEM : CHIP ENABLE FOR MEMORY DEVICE  
 OEM : OUTPUT ENABLE FOR MEMORY DEVICE  
 WAITL : WAIT OF PORT L  
 WAITR : WAIT OF PORT R  
 WEM : WRITE ENABLE FOR MEMORY DEVICE

## INPUT/OUTPUT

D0L - D7L : DATA BUS OF PORT L  
 D0M - D7M : DATA BUS FOR MEMORY DEVICE  
 D0R - D7R : DATA BUS OF PORT R



## CXD3101R (SONY)

SIGNAL PROCESSOR  
-TOP VIEW-

(VDD = +2.7 to +3.3V)

| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | —   | VDD    | 37      | I   | BTRST  | 73      | —   | VDD    | 109     | —   | VDD    |
| 2       | O   | REC    | 38      | I   | BTCK   | 74      | I/O | BUF    | 110     | I/O | B1D10  |
| 3       | O   | CINV   | 39      | I   | BTMS   | 75      | I/O | B2D10  | 111     | I/O | B1D11  |
| 4       | I/O | JSYC   | 40      | I   | BTDI   | 76      | I/O | B2D11  | 112     | I/O | B1D12  |
| 5       | I/O | JC0    | 41      | O   | BTDO   | 77      | I/O | B2D12  | 113     | I/O | B1D13  |
| 6       | I/O | JC1    | 42      | I   | XCS    | 78      | I/O | B2D13  | 114     | I/O | B1D14  |
| 7       | I/O | JC2    | 43      | I   | XSCK   | 79      | I/O | B2D14  | 115     | I/O | B1D15  |
| 8       | I/O | JC3    | 44      | I   | SPSO   | 80      | I/O | B2D15  | 116     | I/O | B1D16  |
| 9       | —   | GND    | 45      | —   | GND    | 81      | —   | GND    | 117     | —   | GND    |
| 10      | I/O | JC4    | 46      | O   | SPSI   | 82      | I/O | B2D16  | 118     | I/O | B1D17  |
| 11      | I/O | JC5    | 47      | I   | XRST   | 83      | I/O | B2D17  | 119     | O   | WCK1   |
| 12      | I/O | JC6    | 48      | I   | XPS    | 84      | O   | WCK2   | 120     | O   | B1WS   |
| 13      | I/O | JC7    | 49      | —   | NC     | 85      | O   | B2WS   | 121     | O   | B1WA0  |
| 14      | I/O | JSYY   | 50      | —   | NC     | 86      | O   | B2WA0  | 122     | O   | B1WA1  |
| 15      | I/O | JY0    | 51      | —   | NC     | 87      | O   | B2WA1  | 123     | O   | B1WA2  |
| 16      | I/O | JY1    | 52      | —   | NC     | 88      | O   | B2WA2  | 124     | O   | B1WA3  |
| 17      | I/O | JY2    | 53      | —   | NC     | 89      | O   | B2WA3  | 125     | O   | B1WFS  |
| 18      | —   | VDD    | 54      | —   | VDD    | 90      | —   | VDD    | 126     | —   | VDD    |
| 19      | —   | GND    | 55      | —   | GND    | 91      | —   | GND    | 127     | —   | GND    |
| 20      | I   | SPCK   | 56      | I   | TRCK   | 92      | O   | B2WFS  | 128     | O   | B1RFS  |
| 21      | I/O | JY3    | 57      | —   | NC     | 93      | O   | B2RFS  | 129     | O   | B1RA3  |
| 22      | I/O | JY4    | 58      | —   | NC     | 94      | O   | B2RA3  | 130     | O   | B1RA2  |
| 23      | I/O | JY5    | 59      | I   | TSI2   | 95      | O   | B2RA2  | 131     | O   | B1RA1  |
| 24      | I/O | JY6    | 60      | I   | TSI1   | 96      | O   | B2RA1  | 132     | O   | B1RA0  |
| 25      | I/O | JY7    | 61      | I   | TSI0   | 97      | O   | B2RA0  | 133     | O   | B1RS   |
| 26      | I   | FLBKC  | 62      | —   | VDD    | 98      | O   | B2RS   | 134     | O   | RCK1   |
| 27      | I   | FLBKY  | 63      | I   | FLTV   | 99      | O   | RCK2   | 135     | I/O | B1D07  |
| 28      | I   | JODE   | 64      | I/O | BKD7   | 100     | I/O | B2D07  | 136     | I/O | B1D06  |
| 29      | I   | JFOE   | 65      | I/O | BKD6   | 101     | I/O | B2D06  | 137     | I/O | B1D05  |
| 30      | —   | GND    | 66      | —   | GND    | 102     | —   | GND    | 138     | —   | GND    |
| 31      | I   | BC1    | 67      | I/O | BKD5   | 103     | O   | B2D05  | 139     | I/O | B1D04  |
| 32      | I   | TCK    | 68      | I/O | BKD4   | 104     | O   | B2D04  | 140     | I/O | B1D03  |
| 33      | I   | TD1    | 69      | I/O | BKD3   | 105     | O   | B2D03  | 141     | I/O | B1D02  |
| 34      | I   | TENA1  | 70      | I/O | BKD2   | 106     | O   | B2D02  | 142     | I/O | B1D01  |
| 35      | O   | TD0    | 71      | I/O | BKD1   | 107     | O   | B2D01  | 143     | I/O | B1D00  |
| 36      | I   | VST    | 72      | I/O | BKD0   | 108     | O   | B2D00  | 144     | I   | SD     |

**INPUT**

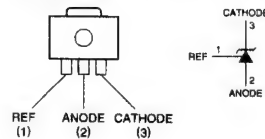
BC1 : CROSS CHECK BIT  
BTCK : JTAG CK  
BTD1 : JTAG DI  
BTMS : JTAG MS  
BTRST : JTAG RST  
FLBKC : CHROMA PLAYBACK REFERENCE SIGNAL  
FLBKY : Y PLAYBACK REFERENCE SIGNAL  
FLTV : FIELD REFERENCE SIGNAL  
JFOE : FORCED ODD/EVEN  
JODE : ORIGINAL ODD/EVEN  
SD : HIGH/SD LOW/HD  
SPCK : 13.5 MHz CLOCK  
SPSO : SERIAL DATA  
TCK : CROSS CHECK CLOCK  
TD1 : CROSS CHECK DATA  
TENA1 : CROSS CHECK TEST  
TRCK : 18.1 MHz CLOCK  
TSI0-TSI2 : TEST  
VST : CROSS CHECK GROUND  
XCS : CHIP SELECT  
XPS : POWER SAVE  
XRST : RESET  
XSCK : SERIAL CLOCK

**OUTPUT**

BTD0 : JTAG DO  
B1RA0-B1RA3/B2RA0-B2RA3 : BRAM1/BRAM2 READ ADDRESS  
B1RFS/B2RFS : BRAM1/BRAM2 READ FIELD SELECT  
B1RS/B2RS : BRAM1/BRAM2 READ STROBE  
B1WA0-B1WA3/B2WA0-B2WA3 : BRAM1/BRAM2 WRITE ADDRESS  
B1WFS/B2WFS : BRAM1/BRAM2 WRITE FIELD SELECT  
B1WS/B2WS : BRAM1/BRAM2 WRITE STROBE  
CINV : CHROMA LINE SEQUENTIAL  
RCK1/RCK2 : BRAM1/BRAM2 READ CLOCK  
REC : HIGH/REC. LOW/PB  
SPSI : SERIAL DATA  
TD0 : CROSS CHECK DATA  
WCK1/WCK2 : BRAM1/BRAM2 WRITE CLOCK

**INPUT/OUTPUT**

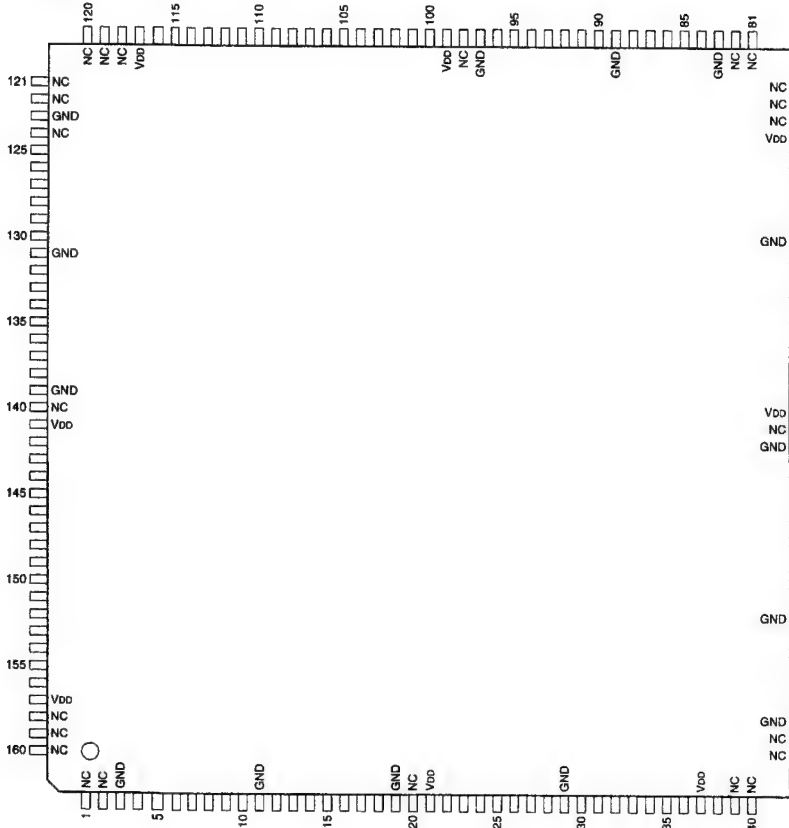
B1D00-B1D07/B2D00-B2D07 : BRAM1/BRAM2 PORT0 DATA  
B1D10-B1D17/B2D10-B2D17 : BRAM1/BRAM2 PORT1 DATA  
BKD0-BKD7 : BK DATA  
BUF : BK DATA  
JC0-JC7 : CHROMA DATA  
JY0-JY7 : Y DATA  
JSYC : CHROMA SYNC  
JSYY : Y SYNC

HA17431UA (HITACHI)  
HA17431UA-TLADJUSTABLE PRECISION SHUNT REGULATOR  
-FRONT VIEW-

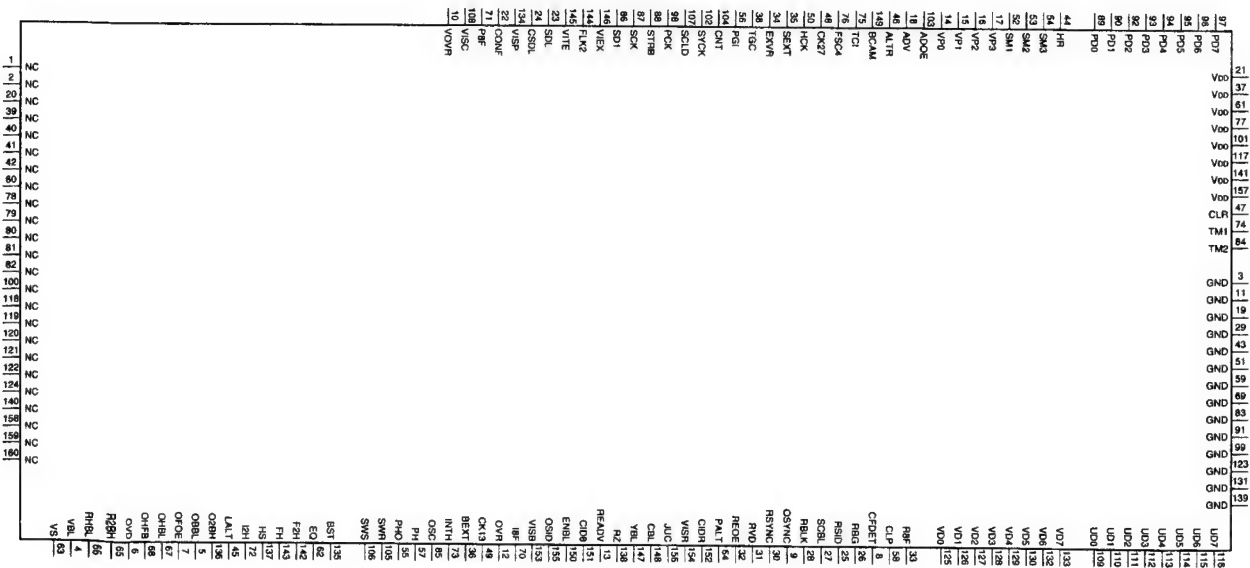
CXD8165AQ (SONY) FLAT PACKAGE  
CXD8165Q (SONY) FLAT PACKAGE

C-MOS REFERENCE SYNC GENERATOR

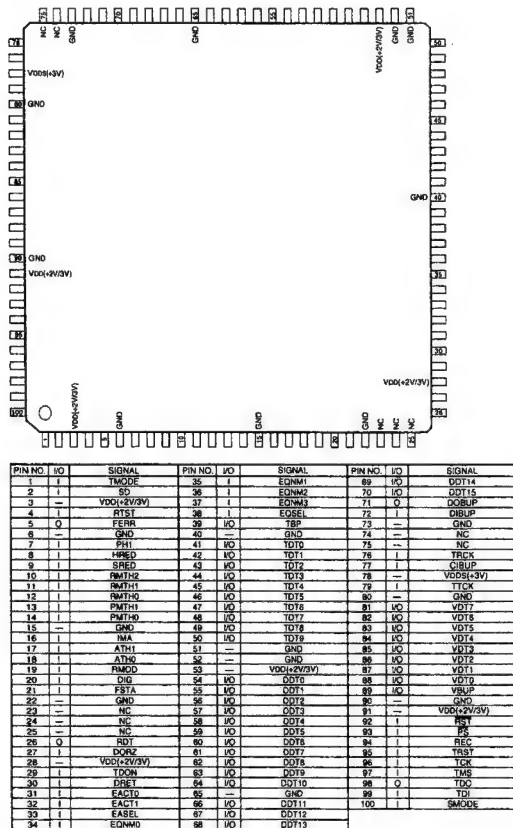
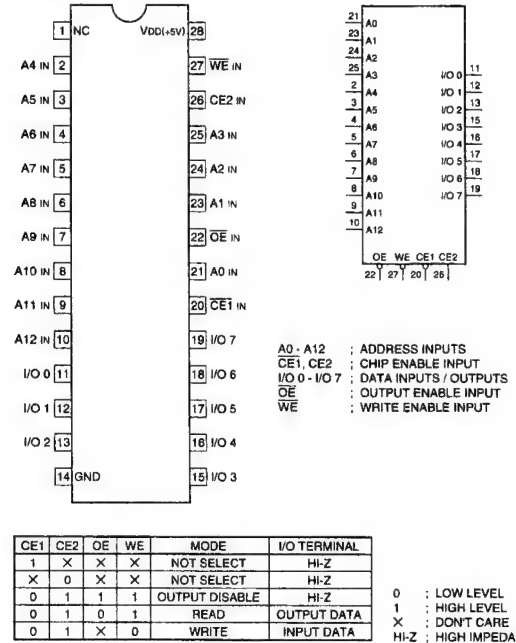
—TOP VIEW—



| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | —   | NC     | 41      | —   | NC     | 81      | —   | NC     | 121     | —   | NC     |
| 2       | —   | NC     | 42      | —   | NC     | 82      | —   | NC     | 122     | —   | NC     |
| 3       | —   | GND    | 43      | —   | GND    | 83      | —   | GND    | 123     | —   | GND    |
| 4       | I/O | VBL    | 44      | I   | HR     | 84      | I   | TM2    | 124     | —   | NC     |
| 5       | I/O | OBBL   | 45      | I/O | LALT   | 85      | O   | OSC    | 125     | O   | VD0    |
| 6       | I/O | OVD    | 46      | I   | ALTR   | 86      | I   | SD1    | 126     | O   | VD1    |
| 7       | I/O | OFOE   | 47      | I   | CLR    | 87      | I   | SCK    | 127     | O   | VD2    |
| 8       | O   | OFOET  | 48      | I   | CK27   | 88      | I   | STRB   | 128     | O   | VD3    |
| 9       | O   | OSYNC  | 49      | O   | CK13   | 89      | I/O | PD0    | 129     | O   | VD4    |
| 10      | I   | VOVR   | 50      | I   | HCK    | 90      | I/O | PD1    | 130     | O   | VD5    |
| 11      | —   | GND    | 51      | —   | GND    | 91      | —   | GND    | 131     | —   | GND    |
| 12      | O   | OVR    | 52      | I   | SM1    | 92      | I/O | PD2    | 132     | O   | VD6    |
| 13      | O   | READV  | 53      | I   | SM2    | 93      | I/O | PD3    | 133     | O   | VD7    |
| 14      | I   | VP0    | 54      | I   | SM3    | 94      | I/O | PD4    | 134     | I   | VISP   |
| 15      | I   | VP1    | 55      | O   | PHO    | 95      | I/O | PD5    | 135     | I/O | BST    |
| 16      | I   | VP2    | 56      | I   | PHI    | 96      | I/O | PD6    | 136     | I/O | O2BH   |
| 17      | I   | VP3    | 57      | O   | PH     | 97      | I/O | PD7    | 137     | I/O | HS     |
| 18      | I   | ADV    | 58      | O   | CLP    | 98      | I   | PCK    | 138     | O   | RZ     |
| 19      | —   | GND    | 59      | —   | GND    | 99      | —   | GND    | 139     | —   | GND    |
| 20      | —   | NC     | 60      | —   | NC     | 100     | —   | NC     | 140     | —   | NC     |
| 21      | —   | VDD    | 61      | —   | VDD    | 101     | —   | VDD    | 141     | —   | VDD    |
| 22      | I   | CONF   | 62      | I/O | EQ     | 102     | I   | SYCK   | 142     | I/O | F2H    |
| 23      | I   | SDL    | 63      | I/O | VS     | 103     | I   | ADOE   | 143     | I/O | FH     |
| 24      | I   | CSDL   | 64      | O   | PALT   | 104     | I   | CNT    | 144     | I   | FLK2   |
| 25      | O   | RSID   | 65      | I/O | R2BH   | 105     | O   | SWR    | 145     | I   | VITE   |
| 26      | O   | RBG    | 66      | I/O | RHBL   | 106     | O   | SWS    | 146     | I   | VIEK   |
| 27      | O   | SCBL   | 67      | I/O | OHBL   | 107     | I   | SCLD   | 147     | O   | YBL    |
| 28      | O   | RBLK   | 68      | I/O | OHFB   | 108     | I   | VISC   | 148     | O   | CBL    |
| 29      | —   | GND    | 69      | —   | GND    | 109     | O   | UD0    | 149     | I   | BCAM   |
| 30      | O   | RSYNC  | 70      | O   | I8F    | 110     | O   | UD1    | 150     | O   | ENBL   |
| 31      | O   | RVD    | 71      | I   | P8F    | 111     | O   | UD2    | 151     | O   | CID8   |
| 32      | O   | REOE   | 72      | I/O | I2H    | 112     | O   | UD3    | 152     | O   | CIDR   |
| 33      | O   | R8F    | 73      | O   | INTH   | 113     | O   | UD4    | 153     | O   | VISB   |
| 34      | I   | EXVR   | 74      | I   | TM1    | 114     | O   | UD5    | 154     | O   | VISR   |
| 35      | I   | SEXT   | 75      | I   | TCI    | 115     | O   | UD6    | 155     | O   | OSID   |
| 36      | O   | BEXT   | 76      | I   | FSC4   | 116     | O   | UD7    | 156     | O   | JUC    |
| 37      | —   | VDD    | 77      | —   | VDD    | 117     | —   | VDD    | 157     | —   | VDD    |
| 38      | I   | TGC    | 78      | —   | NC     | 118     | —   | NC     | 158     | —   | NC     |
| 39      | —   | NC     | 79      | —   | NC     | 119     | —   | NC     | 159     | —   | NC     |
| 40      | —   | NC     | 80      | —   | NC     | 120     | —   | NC     | 160     | —   | NC     |

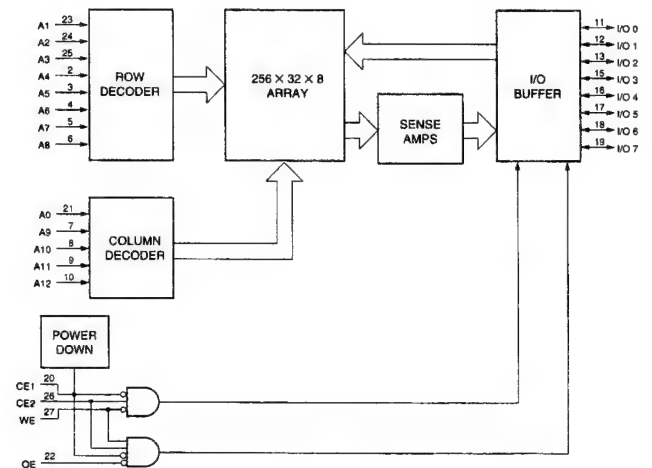


## CXD8608R (SONY)

C-MOS DIGITAL ENCODE/DECODE  
-TOP VIEW-CY7C185-25VC (CYPRESS) J-LEADED PACKAGE  
CY7C185-25VCTELC-MOS 8192-WORD X 8-BIT HIGH SPEED STATIC RAM  
-TOP VIEW-

| CE1 | CE2 | OE | WE | MODE           | I/O TERMINAL |
|-----|-----|----|----|----------------|--------------|
| 1   | X   | X  | X  | NOT SELECT     | HI-Z         |
| X   | 0   | X  | X  | NOT SELECT     | HI-Z         |
| 0   | 1   | 1  | 1  | OUTPUT DISABLE | HI-Z         |
| 0   | 1   | 0  | 1  | READ           | OUTPUT DATA  |
| 0   | 1   | X  | 0  | WRITE          | INPUT DATA   |

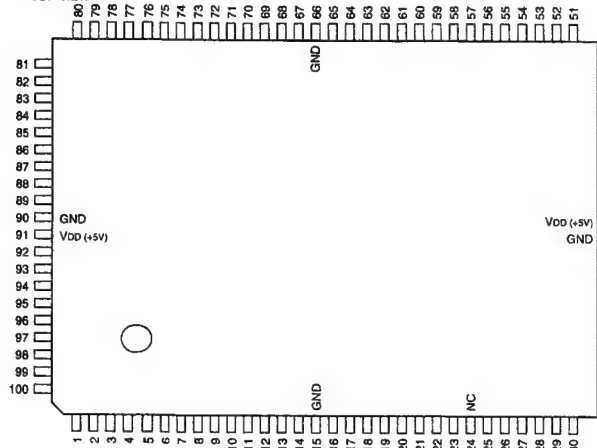
0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 HI-Z : HIGH IMPEDANCE



## CXD8804Q (SONY)

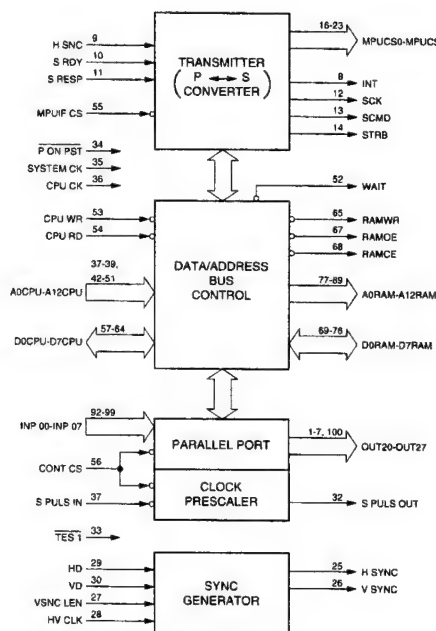
## C-MOS 8-MPU COMMUNICATION CONTROLLER WITH PARALLEL PORT

—TOP VIEW—



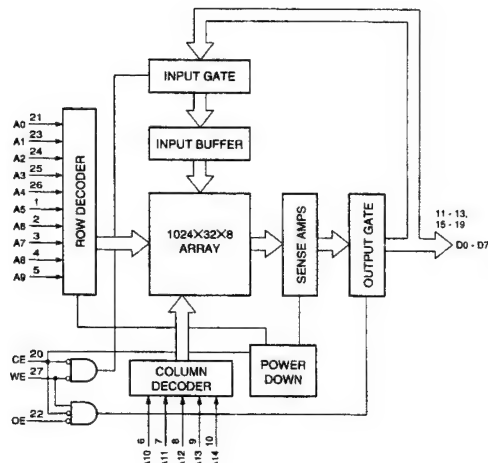
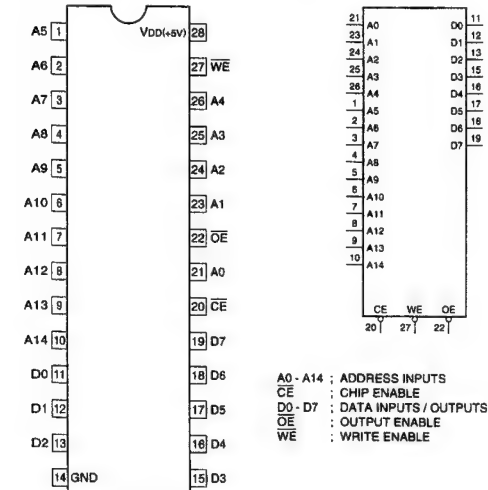
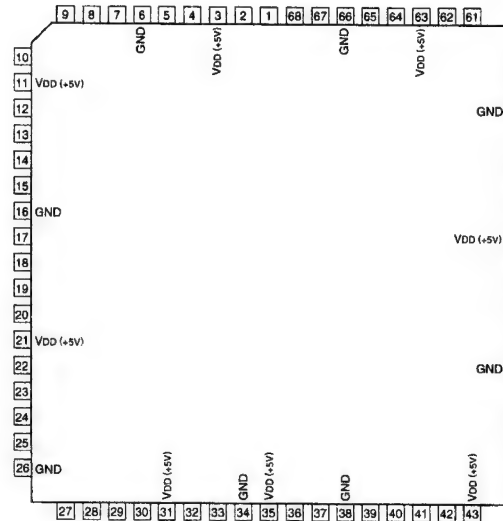
(VDD = +5V)

| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL     | PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL  |
|---------|-----|--------|---------|-----|------------|---------|-----|----------|---------|-----|---------|
| 1       | O   | OUT28  | 28      | O   | V SYNC     | 51      | I   | A0 CPU   | 76      | I/O | D0 RAM  |
| 2       | O   | OUT25  | 27      | I   | VSNC LEN   | 52      | O   | WAIT     | 77      | O   | A12 RAM |
| 3       | O   | OUT24  | 28      | I   | HV CLK     | 53      | I   | CPU WR   | 78      | O   | A11 RAM |
| 4       | O   | OUT23  | 29      | I   | HD         | 54      | I   | CPU RD   | 79      | O   | A10 RAM |
| 5       | O   | OUT22  | 30      | I   | VD         | 55      | I   | MPUIF CS | 80      | O   | A9 RAM  |
| 6       | O   | OUT21  | 31      | I   | S PULS IN  | 56      | I   | CONT CS  | 81      | O   | A8 RAM  |
| 7       | O   | OUT20  | 32      | O   | S PULS OUT | 57      | I/O | D7 CPU   | 82      | O   | A7 RAM  |
| 8       | O   | INT    | 33      | I   | TES 1      | 58      | I/O | D6 CPU   | 83      | O   | A6 RAM  |
| 9       | I   | H SNC  | 34      | I   | P ON RST   | 59      | I/O | D5 CPU   | 84      | O   | A5 RAM  |
| 10      | I   | S RDY  | 35      | I   | SYSTEM CK  | 60      | I/O | D4 CPU   | 85      | O   | A4 RAM  |
| 11      | I   | S RESP | 36      | I   | CPU CK     | 61      | I/O | D3 CPU   | 86      | O   | A3 RAM  |
| 12      | O   | SCK    | 37      | I   | A12 CPU    | 62      | I/O | D2 CPU   | 87      | O   | A2 RAM  |
| 13      | O   | SCMD   | 38      | I   | A11 CPU    | 63      | I/O | D1 CPU   | 88      | O   | A1 RAM  |
| 14      | O   | STRB   | 39      | I   | A10 CPU    | 64      | I/O | D0 CPU   | 89      | O   | A0 RAM  |
| 15      | —   | GND    | 40      | —   | GND        | 65      | O   | RAM WR   | 90      | —   | GND     |
| 16      | O   | MPUCS7 | 41      | —   | VDD        | 66      | —   | GND      | 91      | —   | VDD     |
| 17      | O   | MPUCS6 | 42      | I   | A9 CPU     | 67      | O   | RAM OE   | 92      | I   | INP 07  |
| 18      | O   | MPUCS5 | 43      | I   | A8 CPU     | 68      | O   | RAMCE    | 93      | I   | INP 06  |
| 19      | O   | MPUCS4 | 44      | I   | A7 CPU     | 69      | I/O | D7 RAM   | 94      | I   | INP 05  |
| 20      | O   | MPUCS3 | 45      | I   | A6 CPU     | 70      | I/O | D6 RAM   | 95      | I   | INP 04  |
| 21      | O   | MPUCS2 | 46      | I   | A5 CPU     | 71      | I/O | D5 RAM   | 96      | I   | INP 03  |
| 22      | O   | MPUCS1 | 47      | I   | A4 CPU     | 72      | I/O | D4 RAM   | 97      | I   | INP 02  |
| 23      | O   | MPUCS0 | 48      | I   | A3 CPU     | 73      | I/O | D3 RAM   | 98      | I   | INP 01  |
| 24      | —   | N.C    | 49      | I   | A2 CPU     | 74      | I/O | D2 RAM   | 99      | I   | INP 00  |
| 25      | O   | H SYNC | 50      | I   | A1 CPU     | 75      | I/O | D1 RAM   | 100     | O   | OUT 27  |





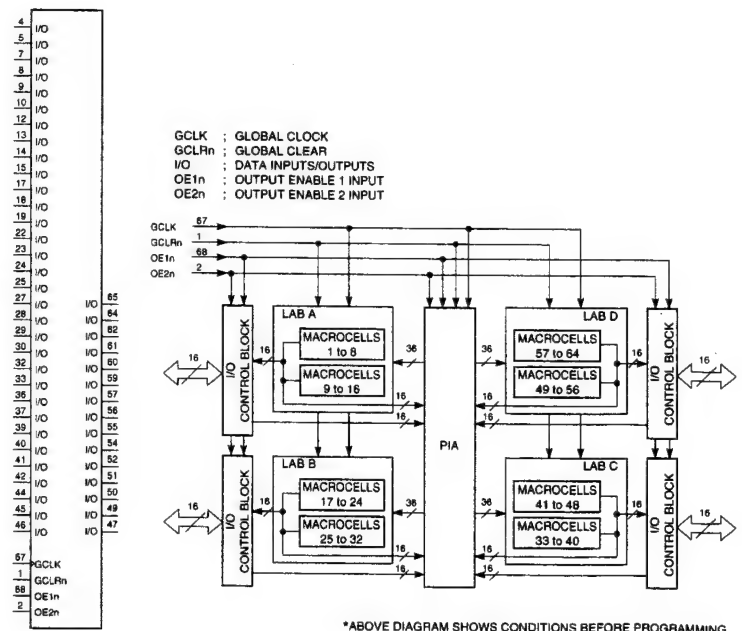
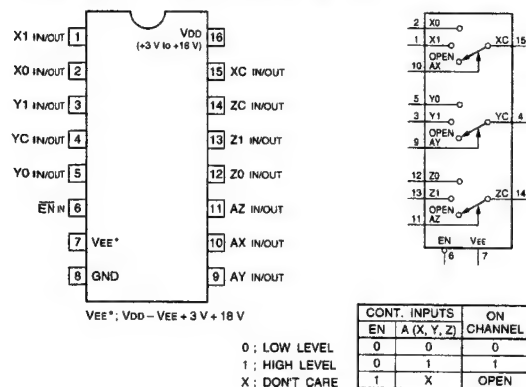
## CY7C199-20VC (CYPRESS) J-LEADED PACKAGE

C-MOS 256K (32,768 X 8)-BIT STATIC RAM  
-TOP VIEW-EPM7064LC-JOG  
EPM7064LC68-10 (ALTERA)C-MOS FIELD PROGRAMMABLE LOGIC CIRCUIT  
-TOP VIEW-

(VDD = +5V)

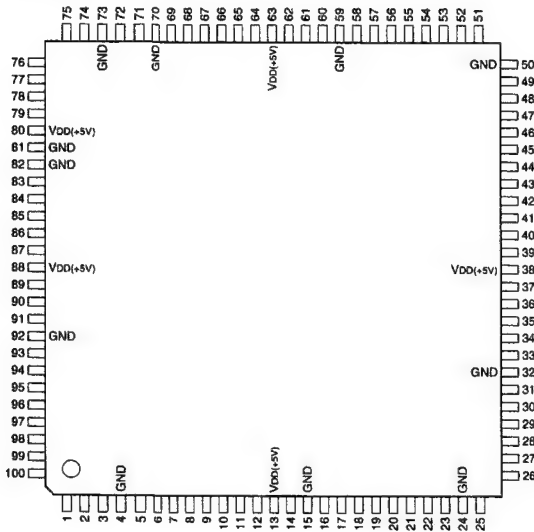
| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I   | GCLRn  | 18      | I/O | I/O    | 35      | —   | VDD    | 52      | I/O | I/O    |
| 2       | I   | OE2n   | 19      | I/O | I/O    | 36      | I/O | I/O    | 53      | —   | VDD    |
| 3       | —   | VDD    | 20      | I/O | I/O    | 37      | I/O | I/O    | 54      | I/O | I/O    |
| 4       | I/O | I/O    | 21      | —   | VDD    | 38      | —   | GND    | 55      | I/O | I/O    |
| 5       | I/O | I/O    | 22      | I/O | I/O    | 39      | I/O | I/O    | 56      | I/O | I/O    |
| 6       | —   | GND    | 23      | I/O | I/O    | 40      | I/O | I/O    | 57      | I/O | I/O    |
| 7       | I/O | I/O    | 24      | I/O | I/O    | 41      | I/O | I/O    | 58      | —   | GND    |
| 8       | I/O | I/O    | 25      | I/O | I/O    | 42      | I/O | I/O    | 59      | I/O | I/O    |
| 9       | I/O | I/O    | 26      | —   | GND    | 43      | —   | VDD    | 60      | I/O | I/O    |
| 10      | I/O | I/O    | 27      | I/O | I/O    | 44      | I/O | I/O    | 61      | I/O | I/O    |
| 11      | —   | VDD    | 28      | I/O | I/O    | 45      | I/O | I/O    | 62      | I/O | I/O    |
| 12      | I/O | I/O    | 29      | I/O | I/O    | 46      | I/O | I/O    | 63      | —   | VDD    |
| 13      | I/O | I/O    | 30      | I/O | I/O    | 47      | I/O | I/O    | 64      | I/O | I/O    |
| 14      | I/O | I/O    | 31      | —   | VDD    | 48      | —   | GND    | 65      | I/O | I/O    |
| 15      | I/O | I/O    | 32      | I/O | I/O    | 49      | I/O | I/O    | 66      | —   | GND    |
| 16      | —   | GND    | 33      | I/O | I/O    | 50      | I/O | I/O    | 67      | I   | GCLK   |
| 17      | I/O | I/O    | 34      | —   | GND    | 51      | I/O | I/O    | 68      | I   | OE1n   |

HD14053BFP (HITACHI) FLAT PACKAGE  
MC14053BF (MOTOROLA) FLAT PACKAGE  
MC14053BF-T2  
MC14053BFEL  
TC4053BFS (TOSHIBA) FLAT PACKAGE  
TC4053BFS-EL (TOSHIBA)

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS  
-TOP VIEW-

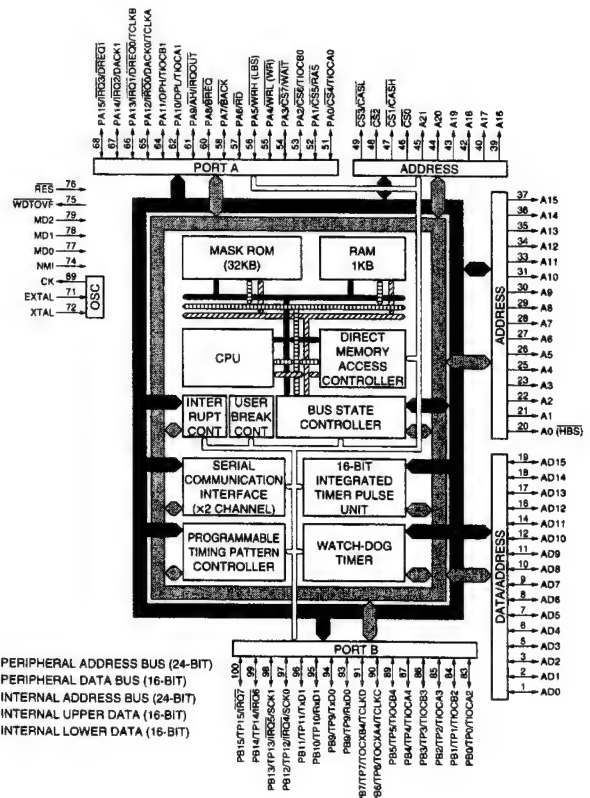
HD6437021C02X (HITACHI)  
HD6437021SC02X (HITACHI)

C-MOS 32-BIT MICROPROCESSOR  
- TOP VIEW -

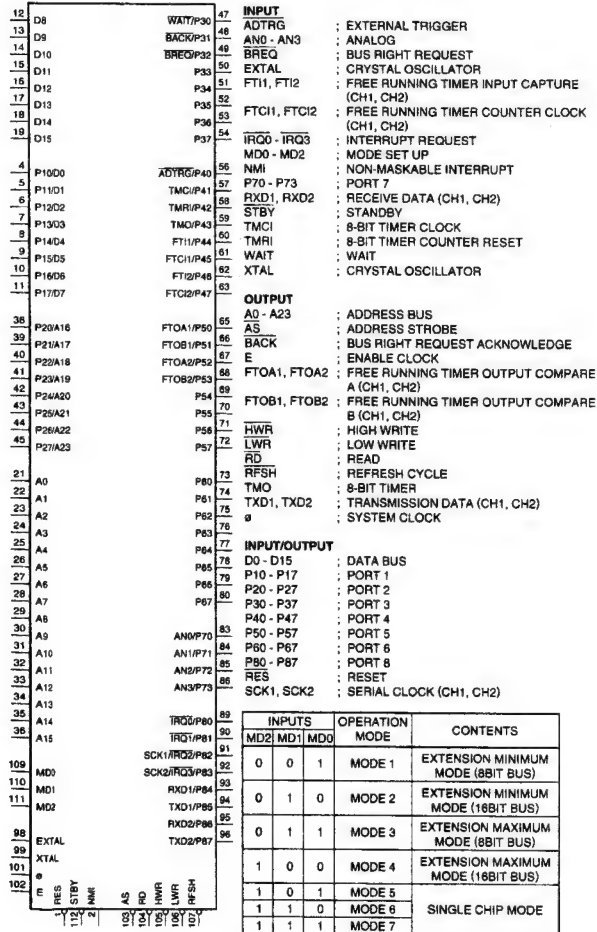
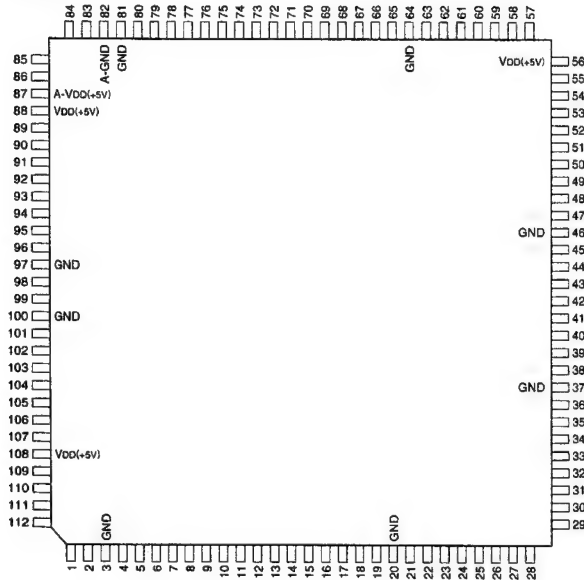


| PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL                | PIN NO. | I/O | SIGNAL               |
|---------|-----|----------|---------|-----|-----------------------|---------|-----|----------------------|
| 1       | I/O | AD0      | 35      | O   | A13                   | 69      | O   | CK                   |
| 2       | I/O | AD1      | 36      | O   | A14                   | 70      | —   | GND                  |
| 3       | I/O | AD2      | 37      | O   | A15                   | 71      | I   | EXTAL                |
| 4       | —   | GND      | 38      | —   | VDD                   | 72      | I   | XTAL                 |
| 5       | I/O | AD3      | 39      | O   | A16                   | 73      | —   | GND                  |
| 6       | I/O | AD4      | 40      | O   | A17                   | 74      | I   | NMI                  |
| 7       | I/O | AD5      | 41      | —   | GND                   | 75      | O   | WDTOVF               |
| 8       | I/O | AD6      | 42      | O   | A18                   | 76      | I   | RES                  |
| 9       | I/O | AD7      | 43      | O   | A19                   | 77      | I   | MD0                  |
| 10      | I/O | AD8      | 44      | O   | A20                   | 78      | I   | MD1                  |
| 11      | I/O | AD9      | 45      | O   | A21                   | 79      | I   | MD2                  |
| 12      | I/O | AD10     | 46      | O   | CS0                   | 80      | —   | VDD                  |
| 13      | —   | VDD      | 47      | O   | CS1/CASH              | 81      | —   | GND                  |
| 14      | I/O | AD11     | 48      | O   | CS2                   | 82      | —   | GND                  |
| 15      | —   | GND      | 49      | O   | CS3/CASL              | 83      | I/O | PB0/TP0/TIOCA2       |
| 16      | I/O | AD12     | 50      | —   | GND                   | 84      | I/O | PB1/TP1/TIOCB2       |
| 17      | I/O | AD13     | 51      | I/O | PA0/CS4/TIOCA0        | 85      | I/O | PB2/TP2/TIOCA3       |
| 18      | I/O | AD14     | 52      | I/O | PA1/CS5/RAS           | 86      | I/O | PB3/TP3/TIOCB3       |
| 19      | I/O | AD15     | 53      | I/O | PA2/CS6/TIOCB0        | 87      | I/O | PB4/TP4/TIOCA4       |
| 20      | O   | A0 (HBS) | 54      | I/O | PA3/CS7/WAIT          | 88      | —   | VDD                  |
| 21      | O   | A1       | 55      | I/O | PA4/WRL(WR)           | 89      | I/O | PB5/TP5/TIOCB4       |
| 22      | O   | A2       | 56      | I/O | PA5/WRH(LBS)          | 90      | I/O | PB6/TP6/TIOCA4/TCLK  |
| 23      | O   | A3       | 57      | I/O | PA6/RD                | 91      | I/O | PB7/TP7/TIOCB4/TCLKD |
| 24      | —   | GND      | 58      | I/O | PA7/BACK              | 92      | —   | GND                  |
| 25      | O   | A4       | 59      | —   | GND                   | 93      | I/O | PB8/TP8/RXD0         |
| 26      | O   | A5       | 60      | I/O | PA8/BREQ              | 94      | I/O | PB9/TP9/TXD0         |
| 27      | O   | A6       | 61      | I/O | PA9/AH/IRQOUT         | 95      | I/O | PB10/TP10/RXD1       |
| 28      | O   | A7       | 62      | I/O | PA10/DPL/TIOCA1       | 96      | I/O | PB11/TP11/TXD1       |
| 29      | O   | A8       | 63      | —   | VDD                   | 97      | I/O | PB12/TP12/IRQ4/SCK0  |
| 30      | O   | A9       | 64      | I/O | PA11/DPH/TIOCB1       | 98      | I/O | PB13/TP13/IRQ5/SCK1  |
| 31      | O   | A10      | 65      | I/O | PA12/IRQ0/DACK0/TCLKA | 99      | I/O | PB14/TP14/IRQ6       |
| 32      | —   | GND      | 66      | I/O | PA13/IRQ1/DREQ0/TCLKB | 100     | I/O | PB15/TP15/IRQ7       |
| 33      | O   | A11      | 67      | I/O | PA14/IRQ2/DACK1       |         |     |                      |
| 34      | O   | A12      | 68      | I/O | PA15/IRQ3/DREQ1       |         |     |                      |

|      |         |     |        |               |   |
|------|---------|-----|--------|---------------|---|
| AD0  | A0(HBS) | 20  | INPUT  | BREQ          | : BUS REQUEST                           |
| AD1  | A1      | 21  |        | DREQ0, DREQ1  | : DMA REQUEST                           |
| AD2  | A2      | 22  |        | EXTAL         | : CRYSTAL OSCILLATOR AND EXTERNAL CLOCK |
| AD3  | A3      | 23  |        | IRQ0 - IRQ7   | : INTERRUPT REQUEST                     |
| AD4  | A4      | 24  |        | MD0 - MD2     | : MODE SELECT                           |
| AD5  | A5      | 25  |        | NMI           | : NON-MASKABLE INTERRUPT                |
| AD6  | A6      | 26  |        | RES           | : RESET                                 |
| AD7  | A7      | 27  |        | RXD0, RXD1    | : RECEIVE DATA                          |
| AD8  | A8      | 28  |        | TCLKA - TCLKD | : TIMER CLOCK                           |
| AD9  | A9      | 29  |        | WAIT          | : WAIT                                  |
| AD10 | A10     | 30  |        | XTAL          | : EXTERNAL CRYSTAL OSCILLATOR           |
| AD11 | A11     | 31  |        |               |   |
| AD12 | A12     | 32  |        |               |   |
| AD13 | A13     | 33  |        |               |   |
| AD14 | A14     | 34  |        |               |   |
| AD15 | A15     | 35  |        |               |   |
|      |         | 36  | OUTPUT | AH            | : ADDRESS HOLD                          |
|      |         | 37  |        | A0 - A21      | : ADDRESS BUS                           |
|      |         | 38  |        | BACK          | : BUS REQUEST ACKNOWLEDGE               |
|      |         | 39  |        | CASH          | : HIGH COLUMN ADDRESS STROBE            |
|      |         | 40  |        | CASL          | : LOW COLUMN ADDRESS STROBE             |
|      |         | 41  |        | CK            | : SYSTEM CLOCK                          |
|      |         | 42  |        | CS0 - CS7     | : CHIP SELECT                           |
|      |         | 43  |        | DACK0, DACK1  | : DMA REQUEST ACKNOWLEDGE               |
|      |         | 44  |        | HBS           | : HIGH BYTE STROBE                      |
|      |         | 45  |        | LBS           | : LOW BYTE STROBE                       |
|      |         | 46  |        | RAS           | : ROW ADDRESS STROBE                    |
|      |         | 47  |        | RD            | : READ                                  |
|      |         | 48  |        | RQOUT         | : REQUEST OUTPUT                        |
|      |         | 49  |        | TOCXA4        | : OUTPUT COMPARE XA4                    |
|      |         | 50  |        | TOCXB4        | : OUTPUT COMPARE XB4                    |
|      |         | 51  |        | TP0 - TP15    | : TIMING PATTERN CONTROLLER             |
|      |         | 52  |        | TXD0, TXD1    | : TRANSMIT DATA                         |
|      |         | 53  |        | WDTOVF        | : WATCH-DOG TIMER OVERFLOW              |
|      |         | 54  |        | WR            | : WRITE                                 |
|      |         | 55  |        | WRH           | : HIGH WRITE                            |
|      |         | 56  |        | WRL           | : LOW WRITE                             |
|      |         | 57  |        |               |   |
|      |         | 58  |        |               |   |
|      |         | 59  |        |               |   |
|      |         | 60  |        |               |   |
|      |         | 61  |        |               |   |
|      |         | 62  |        |               |   |
|      |         | 63  |        |               |   |
|      |         | 64  |        |               |   |
|      |         | 65  |        |               |   |
|      |         | 66  |        |               |   |
|      |         | 67  |        |               |   |
|      |         | 68  |        |               |   |
|      |         | 69  |        |               |   |
|      |         | 70  |        |               |   |
|      |         | 71  |        |               |   |
|      |         | 72  |        |               |   |
|      |         | 73  |        |               |   |
|      |         | 74  |        |               |   |
|      |         | 75  |        |               |   |
|      |         | 76  |        |               |   |
|      |         | 77  |        |               |   |
|      |         | 78  |        |               |   |
|      |         | 79  |        |               |   |
|      |         | 80  |        |               |   |
|      |         | 81  |        |               |   |
|      |         | 82  |        |               |   |
|      |         | 83  |        |               |   |
|      |         | 84  |        |               |   |
|      |         | 85  |        |               |   |
|      |         | 86  |        |               |   |
|      |         | 87  |        |               |   |
|      |         | 88  |        |               |   |
|      |         | 89  |        |               |   |
|      |         | 90  |        |               |   |
|      |         | 91  |        |               |   |
|      |         | 92  |        |               |   |
|      |         | 93  |        |               |   |
|      |         | 94  |        |               |   |
|      |         | 95  |        |               |   |
|      |         | 96  |        |               |   |
|      |         | 97  |        |               |   |
|      |         | 98  |        |               |   |
|      |         | 99  |        |               |   |
|      |         | 100 |        |               |   |



## HD6415108RF10 (HITACHI)

C-MOS 16-BIT MICROCOMPUTER UNIT  
-TOP VIEW-

| PIN NO. | EXPANSION MINIMUM MODE |        |        |        | EXPANSION MAXIMUM MODE |        |        |        |
|---------|------------------------|--------|--------|--------|------------------------|--------|--------|--------|
|         | MODE 1                 | MODE 2 | MODE 3 | MODE 4 | MODE 1                 | MODE 2 | MODE 3 | MODE 4 |
| 1       | I/O                    | SIGNAL | I/O    | SIGNAL | I/O                    | SIGNAL | I/O    | SIGNAL |
| 2       | I                      | RES    | I      | RES    | I                      | RES    | I      | RES    |
| 3       | I                      | NMI    | I      | NMI    | I                      | NMI    | I      | NMI    |
| 4       | I/O                    | GND    | I/O    | GND    | I/O                    | GND    | I/O    | GND    |
| 5       | I/O                    | P10    | I/O    | D0     | I/O                    | P10    | I/O    | D0     |
| 6       | I/O                    | P11    | I/O    | D1     | I/O                    | P11    | I/O    | D1     |
| 7       | I/O                    | P12    | I/O    | D2     | I/O                    | P12    | I/O    | D2     |
| 8       | I/O                    | P13    | I/O    | D3     | I/O                    | P13    | I/O    | D3     |
| 9       | I/O                    | P14    | I/O    | D4     | I/O                    | P14    | I/O    | D4     |
| 10      | I/O                    | P15    | I/O    | D5     | I/O                    | P15    | I/O    | D5     |
| 11      | I/O                    | P16    | I/O    | D6     | I/O                    | P16    | I/O    | D6     |
| 12      | I/O                    | P17    | I/O    | D7     | I/O                    | P17    | I/O    | D7     |
| 13      | I/O                    | D8     | I/O    | D8     | I/O                    | D8     | I/O    | D8     |
| 14      | I/O                    | D9     | I/O    | D9     | I/O                    | D9     | I/O    | D9     |
| 15      | I/O                    | D10    | I/O    | D10    | I/O                    | D10    | I/O    | D10    |
| 16      | I/O                    | D11    | I/O    | D11    | I/O                    | D11    | I/O    | D11    |
| 17      | I/O                    | D12    | I/O    | D12    | I/O                    | D12    | I/O    | D12    |
| 18      | I/O                    | D13    | I/O    | D13    | I/O                    | D13    | I/O    | D13    |
| 19      | I/O                    | D14    | I/O    | D14    | I/O                    | D14    | I/O    | D14    |
| 20      | I/O                    | D15    | I/O    | D15    | I/O                    | D15    | I/O    | D15    |
| 21      | O                      | GND    | O      | GND    | O                      | GND    | O      | GND    |
| 22      | O                      | A0     | O      | A0     | O                      | A0     | O      | A0     |
| 23      | O                      | A1     | O      | A1     | O                      | A1     | O      | A1     |
| 24      | O                      | A2     | O      | A2     | O                      | A2     | O      | A2     |
| 25      | O                      | A3     | O      | A3     | O                      | A3     | O      | A3     |
| 26      | O                      | A4     | O      | A4     | O                      | A4     | O      | A4     |
| 27      | O                      | A5     | O      | A5     | O                      | A5     | O      | A5     |
| 28      | O                      | A6     | O      | A6     | O                      | A6     | O      | A6     |
| 29      | O                      | A7     | O      | A7     | O                      | A7     | O      | A7     |
| 30      | O                      | A8     | O      | A8     | O                      | A8     | O      | A8     |
| 31      | O                      | A9     | O      | A9     | O                      | A9     | O      | A9     |
| 32      | O                      | A10    | O      | A10    | O                      | A10    | O      | A10    |
| 33      | O                      | A11    | O      | A11    | O                      | A11    | O      | A11    |
| 34      | O                      | A12    | O      | A12    | O                      | A12    | O      | A12    |
| 35      | O                      | A13    | O      | A13    | O                      | A13    | O      | A13    |
| 36      | O                      | A14    | O      | A14    | O                      | A14    | O      | A14    |
| 37      | O                      | A15    | O      | A15    | O                      | A15    | O      | A15    |
| 38      | I/O                    | GND    | I/O    | GND    | I/O                    | GND    | I/O    | GND    |
| 39      | I/O                    | P20    | I/O    | P20    | I/O                    | P20    | I/O    | P20    |
| 40      | I/O                    | P21    | I/O    | P21    | I/O                    | P21    | I/O    | P21    |
| 41      | I/O                    | P22    | I/O    | P22    | I/O                    | P22    | I/O    | P22    |

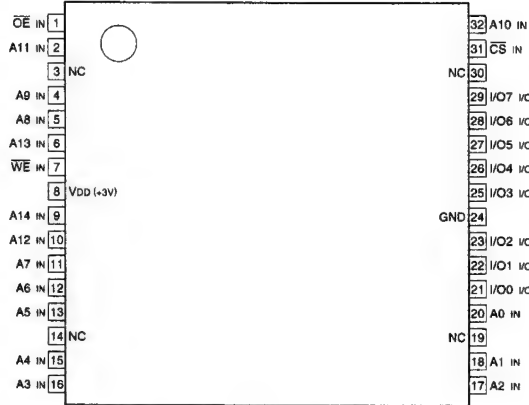
| PIN NO. | EXPANSION MINIMUM MODE |             |        |             | EXPANSION MAXIMUM MODE |             |        |             |
|---------|------------------------|-------------|--------|-------------|------------------------|-------------|--------|-------------|
|         | MODE 1                 | MODE 2      | MODE 3 | MODE 4      | MODE 1                 | MODE 2      | MODE 3 | MODE 4      |
| 41      | I/O                    | P23         | I/O    | P23         | O                      | A19         | O      | A19         |
| 42      | I/O                    | P24         | I/O    | P24         | O                      | A20         | O      | A20         |
| 43      | I/O                    | P25         | I/O    | P25         | O                      | A21         | O      | A21         |
| 44      | I/O                    | P26         | I/O    | P26         | O                      | A22         | O      | A22         |
| 45      | I/O                    | P27         | I/O    | P27         | O                      | A23         | O      | A23         |
| 46      | I/O                    | GND         | I/O    | GND         | I/O                    | GND         | I/O    | GND         |
| 47      | I/O                    | P30 / WAIT  | I/O    | P30 / WAIT  | I/O                    | P30 / WAIT  | I/O    | P30 / WAIT  |
| 48      | I/O                    | P31 / BACK  | I/O    | P31 / BACK  | I/O                    | P31 / BACK  | I/O    | P31 / BACK  |
| 49      | I/O                    | P32 / BREQ  | I/O    | P32 / BREQ  | I/O                    | P32 / BREQ  | I/O    | P32 / BREQ  |
| 50      | I/O                    | P33         | I/O    | P33         | I/O                    | P33         | I/O    | P33         |
| 51      | I/O                    | P34         | I/O    | P34         | I/O                    | P34         | I/O    | P34         |
| 52      | I/O                    | P35         | I/O    | P35         | I/O                    | P35         | I/O    | P35         |
| 53      | I/O                    | P36         | I/O    | P36         | I/O                    | P36         | I/O    | P36         |
| 54      | I/O                    | P37         | I/O    | P37         | I/O                    | P37         | I/O    | P37         |
| 55      | I/O                    | VDD         | I/O    | VDD         | I/O                    | VDD         | I/O    | VDD         |
| 56      | I/O                    | P40 / ADTRG | I/O    | P40 / ADTRG | I/O                    | P40 / ADTRG | I/O    | P40 / ADTRG |
| 57      | I/O                    | P41 / TMC1  | I/O    | P41 / TMC1  | I/O                    | P41 / TMC1  | I/O    | P41 / TMC1  |
| 58      | I/O                    | P42 / TMR1  | I/O    | P42 / TMR1  | I/O                    | P42 / TMR1  | I/O    | P42 / TMR1  |
| 59      | I/O                    | P43 / TMO   | I/O    | P43 / TMO   | I/O                    | P43 / TMO   | I/O    | P43 / TMO   |
| 60      | I/O                    | P44 / FT11  | I/O    | P44 / FT11  | I/O                    | P44 / FT11  | I/O    | P44 / FT11  |
| 61      | I/O                    | P45 / FT12  | I/O    | P45 / FT12  | I/O                    | P45 / FT12  | I/O    | P45 / FT12  |
| 62      | I/O                    | P46 / FT21  | I/O    | P46 / FT21  | I/O                    | P46 / FT21  | I/O    | P46 / FT21  |
| 63      | I/O                    | P47 / FT22  | I/O    | P47 / FT22  | I/O                    | P47 / FT22  | I/O    | P47 / FT22  |
| 64      | I/O                    | GND         | I/O    | GND         | I/O                    | GND         | I/O    | GND         |
| 65      | I/O                    | P50 / FTOA1 | I/O    | P50 / FTOA1 | I/O                    | P50 / FTOA1 | I/O    | P50 / FTOA1 |
| 66      | I/O                    | P51 / FTOB1 | I/O    | P51 / FTOB1 | I/O                    | P51 / FTOB1 | I/O    | P51 / FTOB1 |
| 67      | I/O                    | P52 / FTOA2 | I/O    | P52 / FTOA2 | I/O                    | P52 / FTOA2 | I/O    | P52 / FTOA2 |
| 68      | I/O                    | P53 / FTOB2 | I/O    | P53 / FTOB2 | I/O                    | P53 / FTOB2 | I/O    | P53 / FTOB2 |
| 69      | I/O                    | P54         | I/O    | P54         | I/O                    | P54         | I/O    | P54         |
| 70      | I/O                    | P55         | I/O    | P55         | I/O                    | P55         | I/O    | P55         |
| 71      | I/O                    | P56         | I/O    | P56         | I/O                    | P56         | I/O    | P56         |
| 72      | I/O                    | P57         | I/O    | P57         | I/O                    | P57         | I/O    | P57         |
| 73      | I/O                    | P60         | I/O    | P60         | I/O                    | P60         | I/O    | P60         |
| 74      | I/O                    | P61         | I/O    | P61         | I/O                    | P61         | I/O    | P61         |
| 75      | I/O                    | P62         | I/O    | P62         | I/O                    | P62         | I/O    | P62         |
| 76      | I/O                    | P63         | I/O    | P63         | I/O                    | P63         | I/O    | P63         |
| 77      | I/O                    | P64         | I/O    | P64         | I/O                    | P64         | I/O    | P64         |
| 78      | I/O                    | P65         | I/O    | P65         | I/O                    | P65         | I/O    | P65         |
| 79      | I/O                    | P66         | I/O    | P66         | I/O                    | P66         | I/O    | P66         |
| 80      | I/O                    | P67         | I/O    | P67         | I/O                    | P67         | I/O    | P67         |

# HM62V256LT8Z (HITACHI)

C-MOS SRAM  
-TOP VIEW-

(V<sub>DD</sub> = +5V)

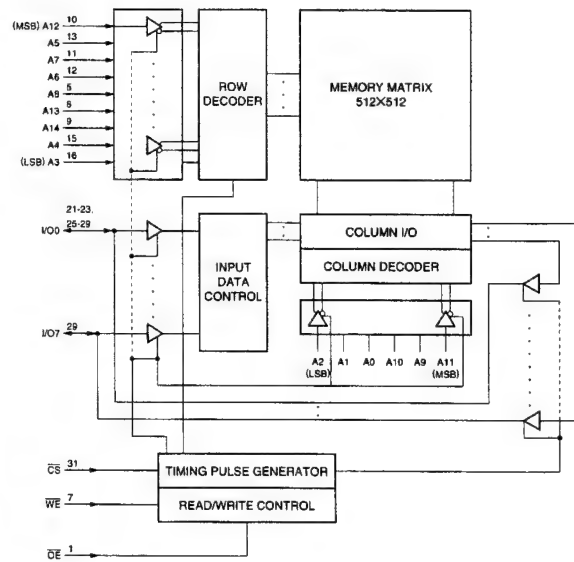
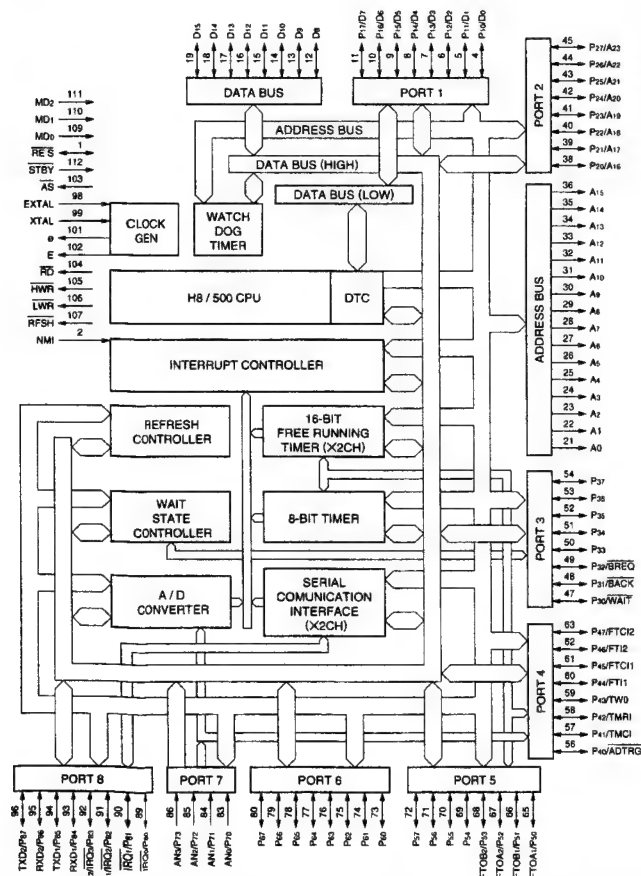
| PIN NO. | EXPANSION MINIMUM MODE |                   |        |                   | EXPANSION MAXIMUM MODE |                   |        |                   |
|---------|------------------------|-------------------|--------|-------------------|------------------------|-------------------|--------|-------------------|
|         | MODE 1                 |                   | MODE 2 |                   | MODE 3                 |                   | MODE 4 |                   |
|         | I/O                    | SIGNAL            | I/O    | SIGNAL            | I/O                    | SIGNAL            | I/O    | SIGNAL            |
| 81      | —                      | GND               | —      | GND               | —                      | GND               | —      | GND               |
| 82      | —                      | A-GND             | —      | A-GND             | —                      | A-GND             | —      | A-GND             |
| 83      | I                      | P70 / AN0         | I      | P70 / AN0         | I                      | P70 / AN0         | I      | P70 / AN0         |
| 84      | I                      | P71 / AN1         | I      | P71 / AN1         | I                      | P71 / AN1         | I      | P71 / AN1         |
| 85      | I                      | P72 / AN2         | I      | P72 / AN2         | I                      | P72 / AN2         | I      | P72 / AN2         |
| 86      | I                      | P73 / AN3         | I      | P73 / AN3         | I                      | P73 / AN3         | I      | P73 / AN3         |
| 87      | —                      | A-V <sub>DD</sub> | —      | A-V <sub>DD</sub> | —                      | A-V <sub>DD</sub> | —      | A-V <sub>DD</sub> |
| 88      | —                      | V <sub>DD</sub>   | —      | V <sub>DD</sub>   | —                      | V <sub>DD</sub>   | —      | V <sub>DD</sub>   |
| 89      | I/O                    | P80 / IRQ0        | I/O    | P80 / IRQ0        | I/O                    | P80 / IRQ0        | I/O    | P80 / IRQ0        |
| 90      | I/O                    | P81 / IRQ1        | I/O    | P81 / IRQ1        | I/O                    | P81 / IRQ1        | I/O    | P81 / IRQ1        |
| 91      | I/O                    | P82 / IRQ2 / SCK1 | I/O    | P82 / IRQ2 / SCK1 | I/O                    | P82 / IRQ2 / SCK1 | I/O    | P82 / IRQ2 / SCK1 |
| 92      | I/O                    | P83 / IRQ3 / SCK2 | I/O    | P83 / IRQ3 / SCK2 | I/O                    | P83 / IRQ3 / SCK2 | I/O    | P83 / IRQ3 / SCK2 |
| 93      | I/O                    | P84 / RXD1        | I/O    | P84 / RXD1        | I/O                    | P84 / RXD1        | I/O    | P84 / RXD1        |
| 94      | I/O                    | P85 / TXD1        | I/O    | P85 / TXD1        | I/O                    | P85 / TXD1        | I/O    | P85 / TXD1        |
| 95      | I/O                    | P86 / RXD2        | I/O    | P86 / RXD2        | I/O                    | P86 / RXD2        | I/O    | P86 / RXD2        |
| 96      | I/O                    | P87 / TXD2        | I/O    | P87 / TXD2        | I/O                    | P87 / TXD2        | I/O    | P87 / TXD2        |
| 97      | —                      | GND               | —      | GND               | —                      | GND               | —      | GND               |
| 98      | I                      | EXTAL             | I      | EXTAL             | I                      | EXTAL             | I      | EXTAL             |
| 99      | I                      | XTAL              | I      | XTAL              | I                      | XTAL              | I      | XTAL              |
| 100     | —                      | GND               | —      | GND               | —                      | GND               | —      | GND               |
| 101     | O                      | ø                 | O      | ø                 | O                      | ø                 | O      | ø                 |
| 102     | O                      | E                 | O      | E                 | O                      | E                 | O      | E                 |
| 103     | O                      | AS                | O      | AS                | O                      | AS                | O      | AS                |
| 104     | O                      | RD                | O      | RD                | O                      | RD                | O      | RD                |
| 105     | O                      | HWR               | O      | HWR               | O                      | HWR               | O      | HWR               |
| 106     | O                      | LWR               | O      | LWR               | O                      | LWR               | O      | LWR               |
| 107     | O                      | RFSH              | O      | RFSH              | O                      | RFSH              | O      | RFSH              |
| 108     | —                      | V <sub>DD</sub>   | —      | V <sub>DD</sub>   | —                      | V <sub>DD</sub>   | —      | V <sub>DD</sub>   |
| 109     | I                      | MD0               | I      | MD0               | I                      | MD0               | I      | MD0               |
| 110     | I                      | MD1               | I      | MD1               | I                      | MD1               | I      | MD1               |
| 111     | I                      | MD2               | I      | MD2               | I                      | MD2               | I      | MD2               |
| 112     | I                      | STBY              | I      | STBY              | I                      | STBY              | I      | STBY              |



|    |     |      |    |                                 |
|----|-----|------|----|---------------------------------|
| 20 | A0  | I/O0 | 21 | A0-A14 : ADDRESS INPUTS         |
| 18 | A1  | I/O1 | 22 | CS : CHIP SELECT INPUT          |
| 17 | A2  | I/O2 | 23 | I/O0-I/O7 : DATA INPUTS/OUTPUTS |
| 16 | A3  | I/O3 | 25 | OE : OUTPUT ENABLE INPUT        |
| 15 | A4  | I/O4 | 27 | WE : WRITE ENABLE INPUT         |
| 14 | A5  | I/O5 | 28 |                                 |
| 13 | A6  | I/O6 | 29 |                                 |
| 12 | A7  | I/O7 |    |                                 |
| 11 | A8  |      |    |                                 |
| 10 | A9  |      |    |                                 |
| 9  | A10 |      |    |                                 |
| 8  | A11 |      |    |                                 |
| 7  | A12 |      |    |                                 |
| 6  | A13 |      |    |                                 |
| 5  | A14 |      |    |                                 |
| 4  | CS  |      |    |                                 |
| 3  | OE  |      |    |                                 |
| 2  | WE  |      |    |                                 |

| CS | OE | WE | MODE           | I/O PIN |
|----|----|----|----------------|---------|
| 1  | X  | X  | NO SELECTION   | HI-Z    |
| 0  | 1  | 1  | OUTPUT DISABLE | HI-Z    |
| 0  | 0  | 1  | READ           | DOUT    |
| 0  | 1  | 0  | WRITE          | DIN     |
| 0  | 0  | 0  | WRITE          | DIN     |

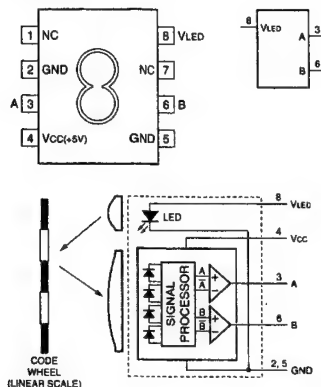
0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
HI-Z: HIGH IMPEDANCE





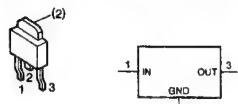


## HEDR-8000 (YHP)

PHOTO POSITION SENSOR  
— TOP VIEW—

## L78M09T-TL (SANYO)+9 V

## POSITIVE VOLTAGE REGULATOR

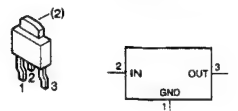


## L79M05T-FA (SANYO)-5 V

## L79M05T-FA-TL

## L79M09T-TL (SANYO)-9 V

## NEGATIVE VOLTAGE REGULATOR

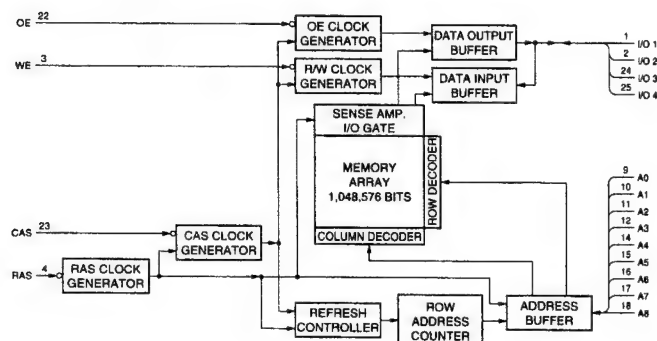
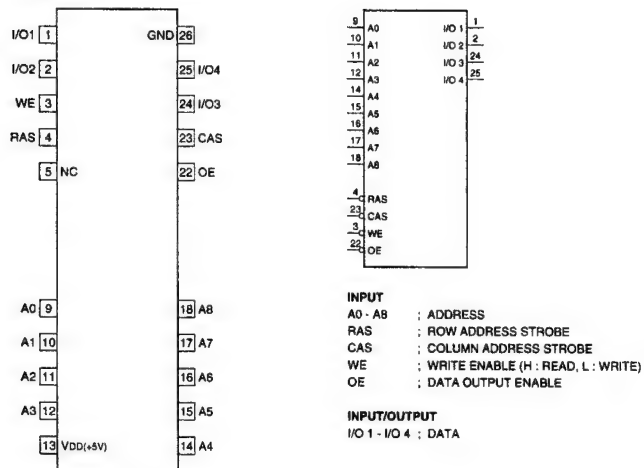


## LH64256BK-60 (OKI)

## NNS14256J-70-T

## C-MOS 256 x 4 BITS DYNAMIC RAM

## — TOP VIEW—

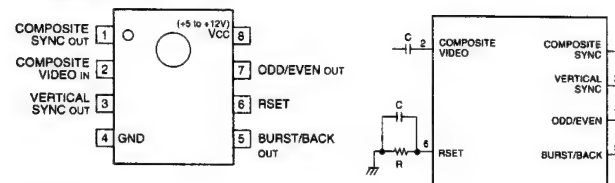


## LM1881M (NS) FLAT PACKAGE

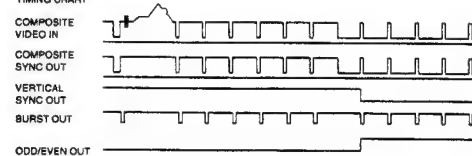
## LM1881MX

## VIDEO SYNC SEPARATOR

## — TOP VIEW—



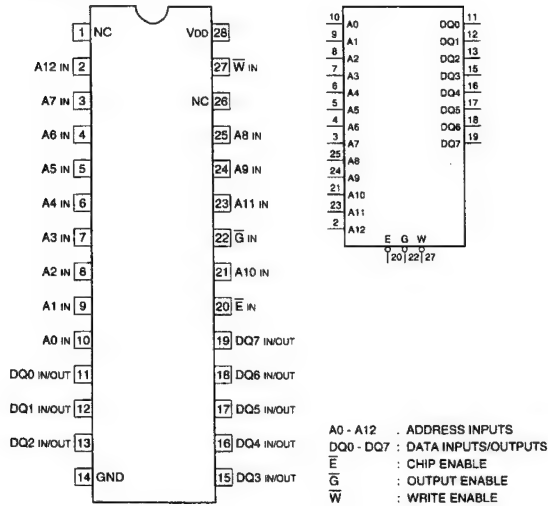
## TIMING CHART





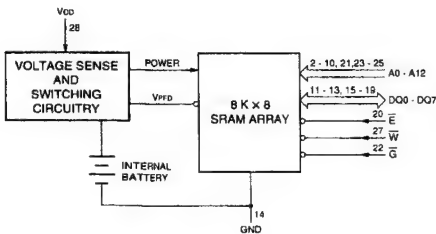
**M48Z58Y-70MH1TR (SGS THOMSON)**

C-MOS 64 K (8 K × 8)-BIT SRAM  
—TOP VIEW—



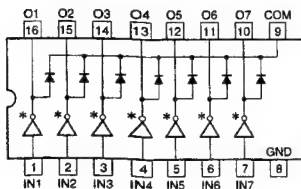
| MODE     | E | G | W | DQ0 - DQ7 | POWER                |
|----------|---|---|---|-----------|----------------------|
| DESELECT | 1 | x | x | HI-Z      | STANDBY              |
| WRITE    | 0 | x | 0 | D IN      | ACTIVE               |
| READ     | 0 | 0 | 1 | D OUT     | ACTIVE               |
| READ     | 0 | 1 | 1 | HI-Z      | ACTIVE               |
| DESELECT | x | x | x | HI-Z      | CMOS STANDBY         |
| DESELECT | x | x | x | HI-Z      | BATTERY BACK-UP MODE |

1 : HIGH LEVEL  
0 : LOW LEVEL  
x : DON'T CARE  
HI-Z : HIGH IMPEDANCE



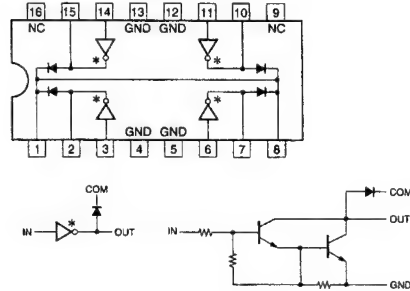
**M54523FP (MITSUBISHI)**  
**M54523FP-TP**

BIPOLAR TRANSISTOR ARRAY WITH OPEN COLLECTOR  
—TOP VIEW—



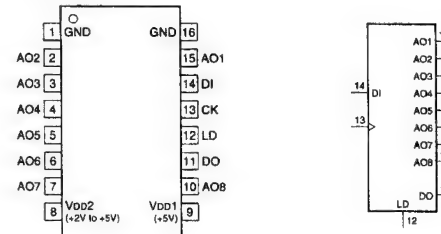
**M54532P (MITSUBISHI)**

DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE  
—TOP VIEW—

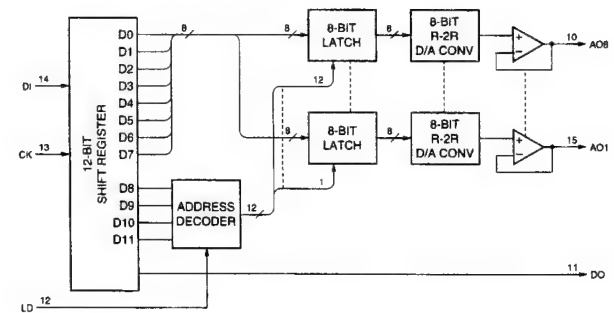


**M62353GP (MITSUBISHI)**  
**M62353GP-E2**

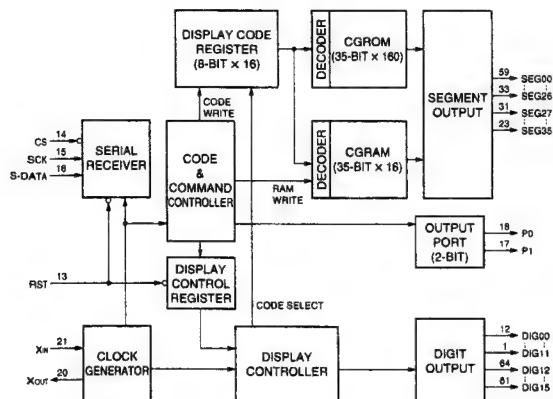
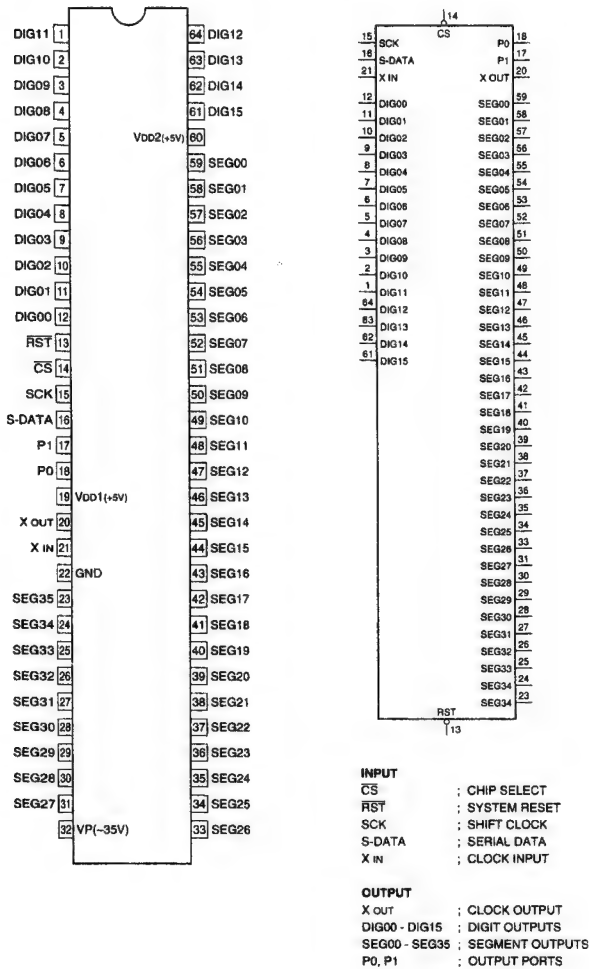
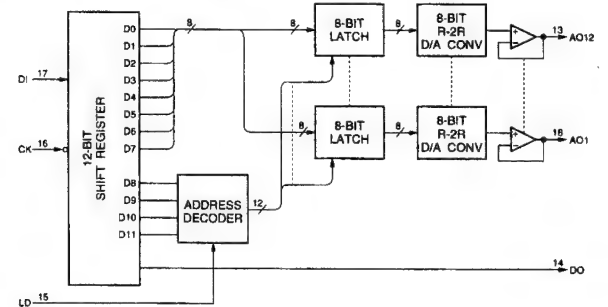
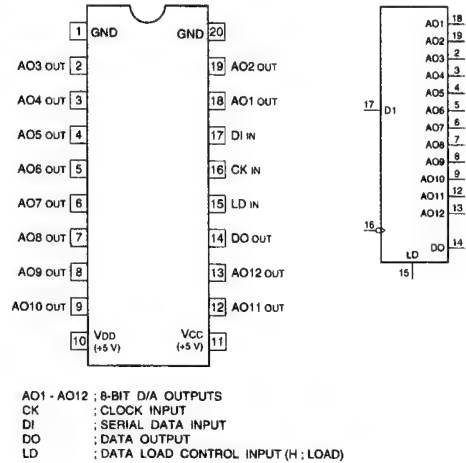
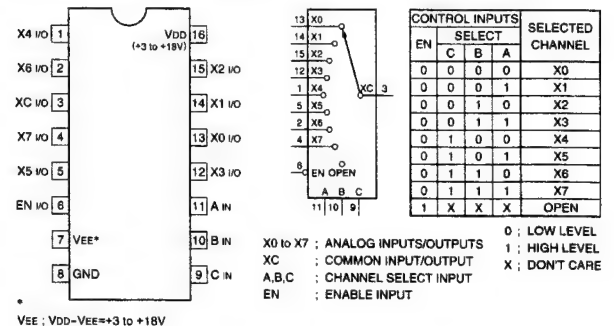
C-MOS 8-BIT × 8 CHANNEL D/A CONVERTER  
—TOP VIEW—



AO1 - AO8 : 8-BIT D/A OUTPUTS  
CK : CLOCK INPUT  
DI : SERIAL DATA INPUT  
DO : DATA OUTPUT  
LD : DATA LOAD CONTROL INPUT (H : LOAD)

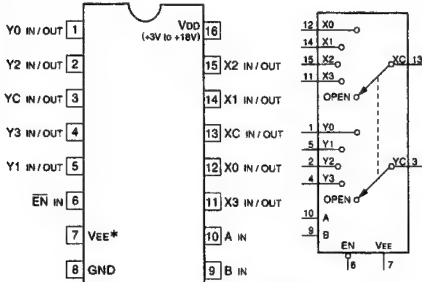


## M66004M6FP200D (MITSUBISHI)

C-MOS 16-DIGIT 5 × 7 SEGMENTS FLUORESCENT DISPLAY CONTROLLER  
- TOP VIEW -MB88346BPFV (FUJITSU) FLAT PACKAGE (SMALL)  
MB88346BPFV-EFC-MOS 8-BIT D/A CONVERTER  
- TOP VIEW -MC14051BF (MOTOROLA) FLAT PACKAGE  
MC14051BF-T2C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTEPlexer  
- TOP VIEW -

MC14052BF (MOTOROLA) FLAT PACKAGE  
MC14052BFEL

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS / DEMULTIPLEXERS  
-TOP VIEW-



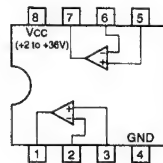
VEE\*: VDD - VEE = +3V to +18V

| CONTROL INPUTS |   |   | "ON" CHANNEL |
|----------------|---|---|--------------|
| EN             | B | A |              |
| 0              | 0 | 0 | 0            |
| 0              | 0 | 1 | 1            |
| 0              | 1 | 0 | 2            |
| 0              | 1 | 1 | 3            |
| 1              | X | X | OPEN         |

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE

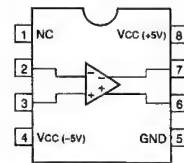
NJM2903M (JRC) FLAT PACKAGE  
NJM2903M-TE2

DUAL VOLTAGE COMPARATORS  
-TOP VIEW-



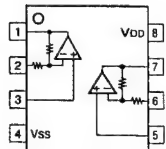
NJM360M (JRC) FLAT PACKAGE  
NJM360M-T2

HIGH SPEED VOLTAGE COMPARATOR  
-TOP VIEW-



MC14576CFEL (MOTOROLA) FLAT PACKAGE

C-MOS DUAL VIDEO AMPLIFIERS  
-TOP VIEW-

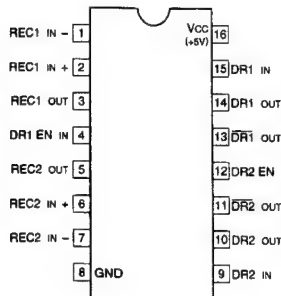


\*VDD + 1 VSS = +5 to +12V

NJM062M (JRC)  
NJM062M-TE2  
NJM4556AM-A-TE2 (JRC)  
NJM4558V-TE2 (JRC) FLAT PACKAGE (SMALL)  
NJM4560M (JRC) FLAT PACKAGE  
NJM4560M-TE2  
NJM5532M (JRC) FLAT PACKAGE  
NJM5532M (TE2) (JRC) FLAT PACKAGE  
TL062CPW (TI) FLAT PACKAGE  
TL062CPW-E05  
UPC4558G2 (NEC) FLAT PACKAGE  
UPC4570G2 (NEC) FLAT PACKAGE  
UPC4570G2-E2

MC34051MEL (MOTOROLA)

RS-422 DRIVER / RECEIVER  
-TOP VIEW-

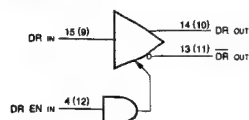


| DR EN | MODE    |
|-------|---------|
| 0     | DISABLE |
| 1     | ENABLE  |

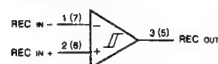
0 : LOW LEVEL  
1 : HIGH LEVEL

DR : DRIVER  
DR EN : DRIVER ENABLE  
REC : RECEIVER

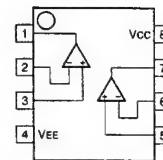
DRIVER CIRCUIT



RECEIVER CIRCUIT



DUAL OPERATIONAL AMPLIFIERS  
(DUAL-SUPPLY TYPE)  
-TOP VIEW-



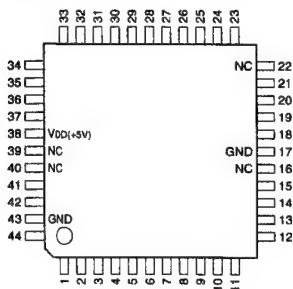
| TYPE  | VCC          | VEE          |
|---|--------------|--------------|
| 062/072/082/4556A/<br>M5218/BA15218/<br>33178/34182 TYPES | +2 to +16V   | -2 to -16V   |
| 4580 TYPE   | +2 to +18V   | -2 to -18V   |
| 5532 TYPE   | +3 to +20V   | -3 to -20V   |
| CXA1297 TYPE  | +5 to +12V   | -5 to -12V   |
| M5219/M5220 TYPES   | +5 to +22.5V | -5 to -22.5V |
| MC33077DR2  | +2.5 to +18V | -2.5 to -18V |
| NJM2100 TYPE  | +1 to +3.5V  | -1 to -3.5V  |
| OP-297 TYPE   | +2 to +20V   | -2 to -20V   |
| OTHERS  | +5 to +16V   | -5 to -16V   |



## MC68HC705C8AFU (MOTOROLA)

## C-MOS MICROCONTROLLER UNIT

- TOP VIEW -



| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL   |
|---------|-----|--------|---------|-----|----------|
| 1       | I/O | PA6    | 23      | I/O | PC3      |
| 2       | I/O | PA5    | 24      | I/O | PC2      |
| 3       | I/O | PA4    | 25      | I/O | PC1      |
| 4       | I/O | PA3    | 26      | I/O | PC1      |
| 5       | I/O | PA2    | 27      | I   | PD0/RDI  |
| 6       | I/O | PA1    | 28      | I/O | PD1/TDO  |
| 7       | I/O | PA0    | 29      | I/O | PD2/MISO |
| 8       | I/O | PB0    | 30      | I/O | PD3/MOSI |
| 9       | I/O | PB1    | 31      | I/O | PD4/SCK  |
| 10      | I/O | PB2    | 32      | I   | PD5/SS   |
| 11      | I/O | PB3    | 33      | O   | TCMP     |
| 12      | I/O | PB4    | 34      | I   | PD7      |
| 13      | I/O | PB5    | 35      | I   | TCAP     |
| 14      | I/O | PB6    | 36      | O   | OSC2     |
| 15      | I/O | PB7    | 37      | I   | OSC1     |
| 16      | —   | NC     | 38      | —   | VDD(+5V) |
| 17      | —   | GND    | 39      | —   | NC       |
| 18      | I/O | PC7    | 40      | —   | NC       |
| 19      | I/O | PC6    | 41      | I   | RESET    |
| 20      | I/O | PC5    | 42      | I   | IRQ      |
| 21      | I/O | PC4    | 43      | —   | GND      |
| 22      | —   | NC     | 44      | I/O | PA7      |

## INPUT

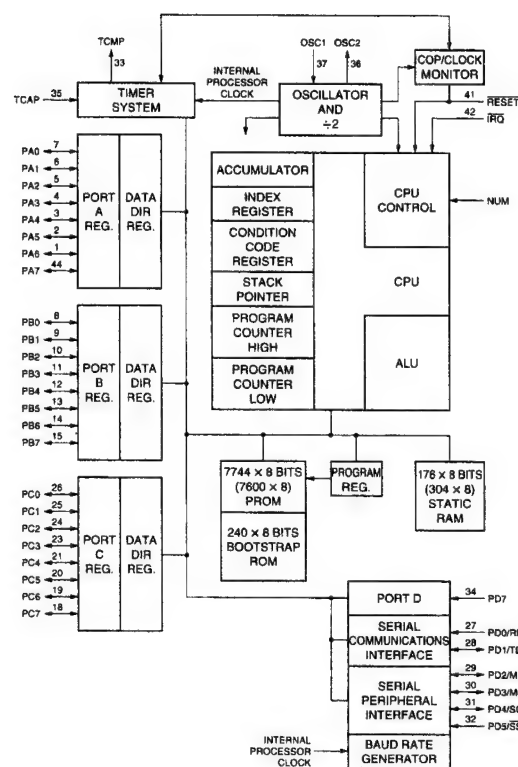
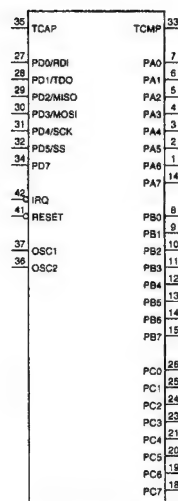
IRQ : INTERRUPT REQUEST  
 OSC1 : OSCILLATOR  
 PD0 - PD7 : PROGRAMMABLE D PORT  
 RESET : SYSTEM RESET  
 RDI : RECEIVING DATA  
 SS : SUB SELECT  
 TCAP : CAPTURE FEATURE FOR THE ONE-CHIP PROGRAMMABLE TIMER

## OUTPUT

OSC2 : OSCILLATOR  
 SCK : SERIAL CLOCK  
 TCMP : COMPARE FEATURE OF THE ONE-CHIP TIMER  
 TDO : TRANSMISSION DATA

## INPUT/OUTPUT

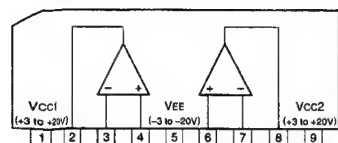
MISO : MASTER INPUT, SUB OUTPUT  
 MOSI : MASTER OUTPUT, SUB INPUT  
 PA0 - PA6 : PROGRAMMABLE A PORT  
 PB0 - PB6 : PROGRAMMABLE B PORT  
 PC0 - PC6 : PROGRAMMABLE C PORT



## NJM5532S-D (JRC)

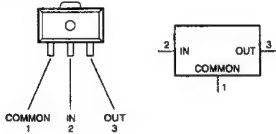
## DUAL OPERATIONAL AMPLIFIER

-SIDE VIEW-



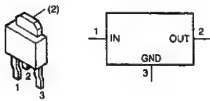
NJM79L09UA(TE1) (JRC) -9 V(100 mA)

VOLTAGE REGULATOR



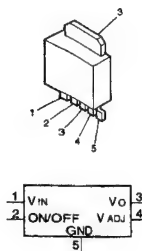
PQ05SZ1U (SHARP)+5 V(1 A)  
PQ05SZ5U (SHARP)+5 V(0.5 A)

POSITIVE VOLTAGE REGULATOR  
-TOP VIEW-



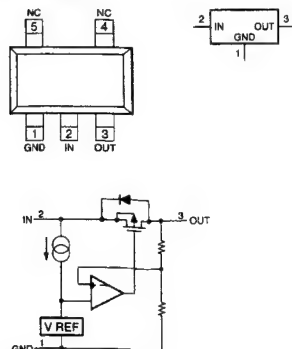
PQ20VZ5U (SHARP)

POSITIVE VOLTAGE REGULATOR (300 mA)  
-TOP VIEW-



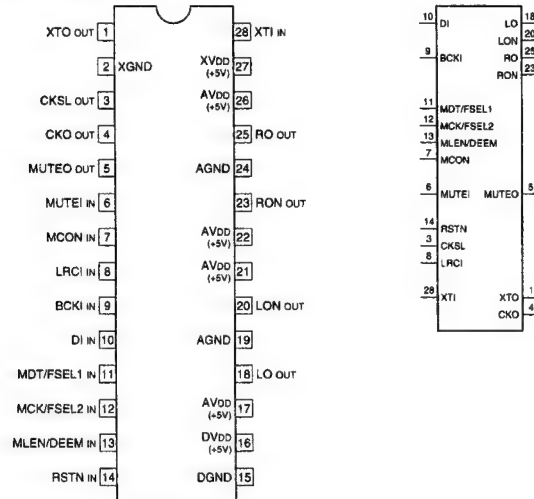
S-81230SG-QB-T1 (SEIKO I&E)

C-MOS VOLTAGE REGULATOR  
-TOP VIEW-



SM5872AS-ET (NPC) FLAT PACKAGE

C-MOS 2-CHANNEL D/A CONVERTER FOR DIGITAL AUDIO  
-TOP VIEW-



AVDD, AGND : ANALOG  
DVDD, DGND : DIGITAL  
XVD0, XGND : FOR CRYSTAL OSCILLATOR

INPUT

BCKI : BIT CLOCK  
CKSL : SYSTEM CLOCK SELECT (L : 256fs/H : 512fs)  
DI : DATA  
LRCI : SAMPLE RATE (fs) CLOCK (L : R-CH/H : L-CH)  
MCK/FSEL2 : MCON = H : MICROCOMPUTER INTERFACE CLOCK  
MCON = L : FILTER SELECT\*2  
MCON : INTERFACE SELECT CONTROL\*1  
MDT/FSEL1 : MCON = H : MICROCOMPUTER INTERFACE DATA  
MCON = L : FILTER SELECT\*2  
MLN/DEEM : MCON = H : MICROCOMPUTER INTERFACE LATCH ENABLE  
MCON = L : DEEMPHASIS CONTROL  
MUTEI : DF OUTPUT SOFT MUTE (L : OFF/H : ON)  
RSTN : SYSTEM RESET  
XTI : OSCILLATOR

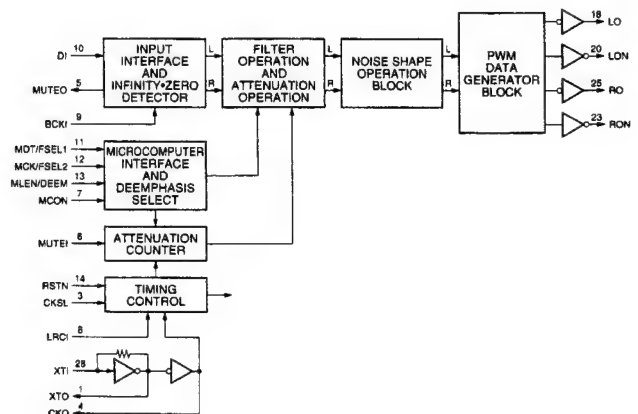
| *1 | MCON | MODE               | *2 | MCON | FSEL1 | FSEL2                   |
|----|------|--------------------|----|------|-------|-------------------------|
| 0  | 0    | FSEL1, FSEL2, DEEM | 0  | 0    | 0     | 0 (44.1kHz) 1 (48.0kHz) |
| 1  | 1    | MDT, MCK, MLN      | 0  | 1    | 0     | 0 (44.1kHz) 1 (32.0kHz) |

0 : LOW LEVEL  
1 : HIGH LEVEL

0 : LOW LEVEL  
1 : HIGH LEVEL

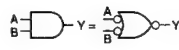
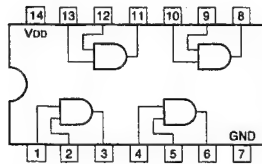
OUTPUT

CKO : CLOCK  
LO : L-CH PWM (PULSE WIDTH MODULATION) (+)  
LON : L-CH PWM (PULSE WIDTH MODULATION) (-)  
MUTE0 : INFINITY ZERO DETECT  
RO : R-CH PWM (PULSE WIDTH MODULATION) (+)  
RON : R-CH PWM (PULSE WIDTH MODULATION) (-)  
XTO : OSCILLATOR



SN74HC08ANS (TI) FLAT PACKAGE  
 SN74HC08ANS-E05  
 TC74VHC08F(EL) (TOSHIBA)  
 TC74VHC08FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC08FT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT08AFT(EL)  
 TC74VHCT08FS(EL) (TOSHIBA)  
 TC74VHCT08FT(EL)

C-MOS QUAD 2-INPUT AND GATE  
 -TOP VIEW-



$$Y = A \cdot B = \overline{A + B}$$

| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

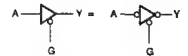
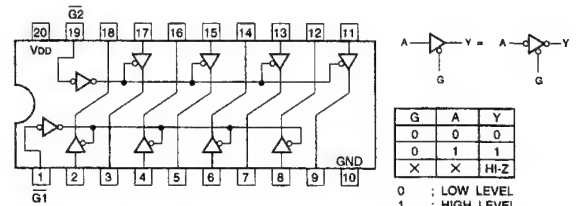
0 : LOW LEVEL  
 1 : HIGH LEVEL

NOTE:

| TYPE        | VDD         |
|-------------|-------------|
| AC          | +2 to +5.5V |
| TC40H       | +2 to +6V   |
| ACT/HCT     | +5V         |
| OTHER TYPES | +2 to +6V   |

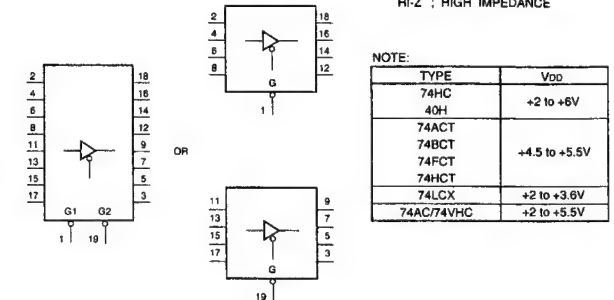
SN74HCT244ANS (TI) FLAT PACKAGE  
 SN74HCT244ANS-E05

C-MOS BUS BUFFER WITH 3-STATE OUTPUTS  
 -TOP VIEW-



| G | A | Y    |
|---|---|------|
| 0 | 0 | 0    |
| 0 | 1 | 1    |
| X | X | Hi-Z |

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 Hi-Z : HIGH IMPEDANCE

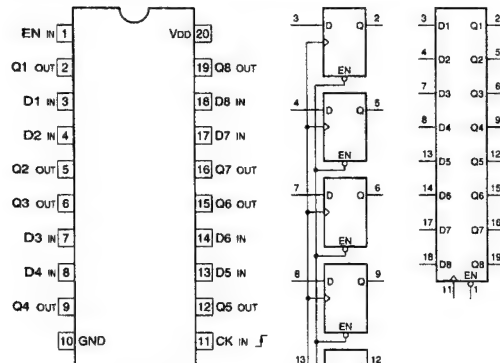


NOTE:

| TYPE       | VDD           |
|------------|---------------|
| 74HC       | +2 to +6V     |
| 40H        | +2 to +6V     |
| 74ACT      | +4.5 to +5.5V |
| 74BCT      | +4.5 to +5.5V |
| 74FCT      | +4.5 to +5.5V |
| 74HCT      | +4.5 to +5.5V |
| 74LCX      | +2 to +3.6V   |
| 74AC/74VHC | +2 to +5.5V   |

SN74HC377ANS (TI)  
 SN74HC377ANS-E05

C-MOS OCTAL D-TYPE FLIP-FLOPS WITH ENABLE  
 -TOP VIEW-



EACH FLIP-FLOP

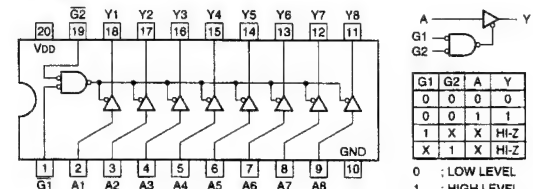
| INPUTS |    |   |   | OUT |
|--------|----|---|---|-----|
| EN     | CK | D | Q | Qo  |
| 1      | X  | X | X | Qo  |
| 0      | F  | 1 | 1 | 1   |
| 0      | F  | 0 | 0 | 0   |
| X      | 0  | X | X | Qo  |

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE

| TYPE        | VDD        |
|-------------|------------|
| 74ACT TYPES | +5V        |
| 74FCT TYPES | +5V        |
| OTHER TYPES | +2V to +6V |

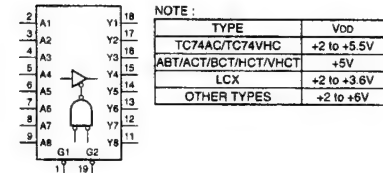
SN74HC541ANS (TI) FLAT PACKAGE  
 SN74HC541ANS-E05  
 SN74HCT541ANS (TI) FLAT PACKAGE  
 SN74HCT541ANS-E05  
 TC74VHC541F (TOSHIBA) FLAT PACKAGE  
 TC74VHC541F(EL)  
 TC74VHC541FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC541FT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT541AFT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT541F (TOSHIBA) FLAT PACKAGE  
 TC74VHCT541F(EL)  
 TC74VHCT541FS(EL) (TOSHIBA) FLAT PACKAGE

C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS  
 -TOP VIEW-



| G1 | G2 | A | Y    |
|----|----|---|------|
| 0  | 0  | 0 | 0    |
| 0  | 0  | 1 | 1    |
| 1  | X  | X | Hi-Z |
| X  | 1  | X | Hi-Z |

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 Hi-Z : HIGH IMPEDANCE

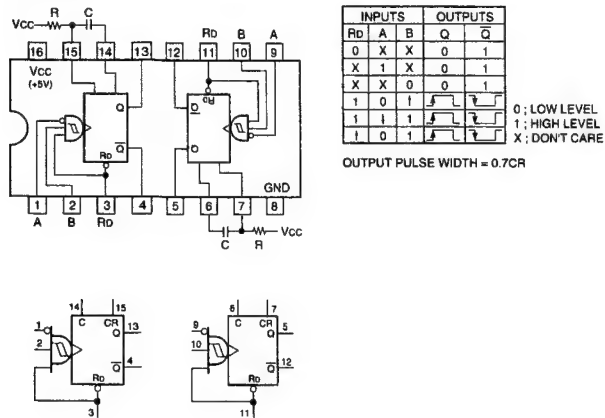


NOTE:

| TYPE                 | VDD         |
|----------------------|-------------|
| TC74AC/TC74VHC       | +2 to +5.5V |
| ABT/ACT/BCT/HCT/VHCT | +5V         |
| LCX                  | +2 to +3.6V |
| OTHER TYPES          | +2 to +6V   |

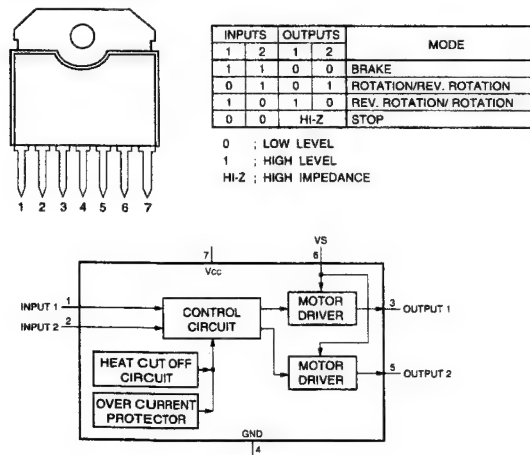
# SN74LS221NS-E05 (T1)FLAT PACKAGE

TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT  
—TOP VIEW—



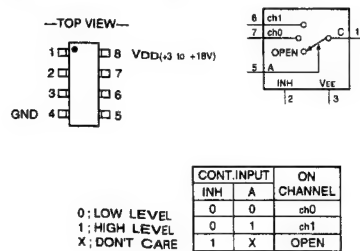
# TA7267P (TOSHIBA)

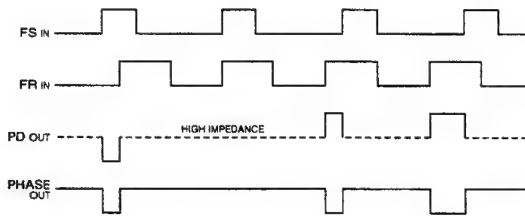
DC MOTOR DRIVER  
—PRINTED SIDE VIEW—



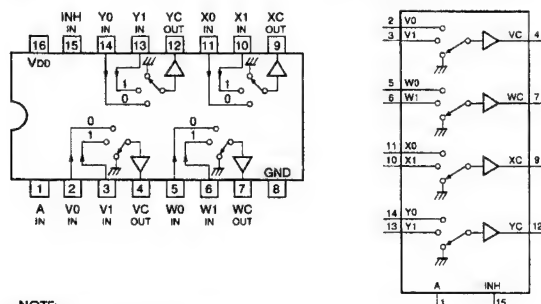
# TC4W53FU (TOSHIBA)CHIP PACKAGE TC4W53FU(TE12R)

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER





TC74ACT157FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)  
TC74ACT157FT(EL) (TOSHIBA)FLAT PACKAGE  
TC74VHC157F (TOSHIBA)FLAT PACKAGE  
TC74VHC157F(EL)  
TC74VHC157FS(EL) (TOSHIBA)  
TC74VHC157FT(EL) (TOSHIBA)FLAT PACKAGE



**NOTE:**

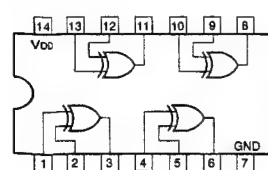
| TYPE                    | VDD         |
|-------------------------|-------------|
| 74ACT74FCT              | +5V         |
| TC74AC157P<br>TC74AC157 | +2 to +5.5V |
| TC40H                   | +2 to +8V   |
| OTHER TYPES             | +2 to +6V   |

| CONT.IN |   | ON<br>CHANNEL |
|---------|---|---------------|
| INH     | A |               |
| 0       | 0 | 0             |
| 0       | 1 | 1             |
| 1       | X | GND           |

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE

SN74HC86ANS-E05

TC74HC86AF (TOSHIBA) FLAT PACKAGE  
TC74VHC86F (TOSHIBA) FLAT PACKAGE  
TC74VHC86F(EL)




  
 $Y = \bar{A} \cdot B + A \cdot \bar{B}$

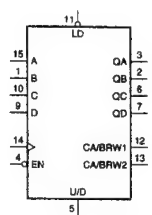
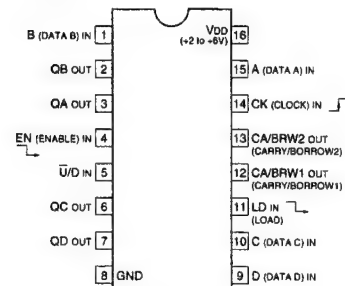
| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

0 ; LOW LEVEL  
1 ; HIGH LEVEL

**NOTE:**

| TYPE        | VDD           |
|-------------|---------------|
| 74AC/74VHC  | +2V to +5.5V  |
| 74ACT/74HCT | +4.5 to +5.5V |
| OTHER TYPES | +2V to +6V    |

TC74HC191AF (TOSHIBA) FLAT PACKAGE  
TC74HC191AF(EL)

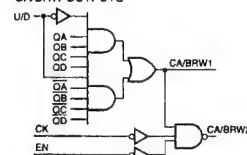


### MODE SELECTION

| CONTROL INPUTS |    |     | MODE                     |
|----------------|----|-----|--------------------------|
| LD             | EN | U/D |                          |
| 0              | X  | X   | PRESET<br>(ASYNCHRONOUS) |
| 1              | 1  | X   | NO COUNT                 |
| 1              | 0  | 0   | UP COUNT                 |
| 1              | 0  | 1   | DOWN COUNT               |

0 ; LOW LEVEL  
1 ; HIGH LEVEL  
X ; DON'T CARE

## CA/BRW OUTPUTS



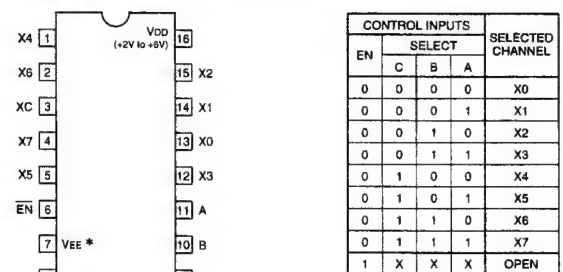
## COUNT SEQUENCE

| COUNT | OUTPUTS |    |    |    |
|-------|---------|----|----|----|
|       | QB      | QC | QB | QA |
| 0     | 0       | 0  | 0  | 0  |
| 1     | 0       | 0  | 0  | 1  |
| 2     | 0       | 0  | 1  | 0  |
| 3     | 0       | 0  | 1  | 1  |
| 4     | 0       | 1  | 0  | 0  |
| 5     | 0       | 1  | 0  | 1  |
| 6     | 0       | 1  | 1  | 0  |
| 7     | 0       | 1  | 1  | 1  |
| 8     | 1       | 0  | 0  | 0  |
| 9     | 1       | 0  | 0  | 1  |
| 10    | 1       | 0  | 1  | 0  |
| 11    | 1       | 0  | 1  | 1  |
| 12    | 1       | 1  | 0  | 0  |
| 13    | 1       | 1  | 0  | 1  |
| 14    | 1       | 1  | 1  | 0  |
| 15    | 1       | 1  | 1  | 1  |

CA/BW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN COUNT.

CA/BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA/BRW1 OUTPUT IS HIGH.

## TC74HC4051AFS(EL) (TOSHIBA)

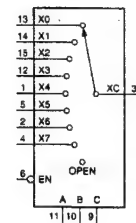


V<sub>EE</sub> \*; V<sub>DD</sub> - V<sub>EE</sub> = +3V to +12V

```

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

```

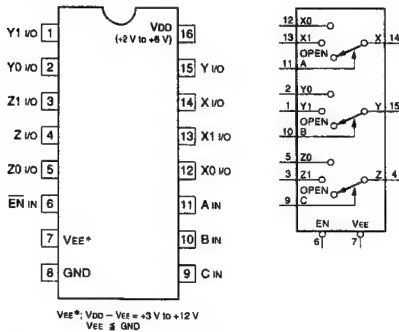


X0-X7 ; ANALOG INPUTS/OUTPUTS  
XC ; COMMON INPUT/OUTPUT  
A, B, C ; CHANNEL SELECT INPUT  
EN ; ENABLE INPUT



TC74HC4053AFS (TOSHIBA) FLAT PACKAGE  
TC74HC4053AFS-EL

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER  
-TOP VIEW-

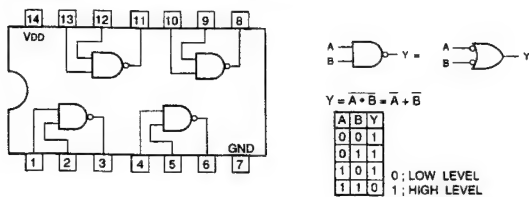


| CONTROL INPUTS |        |   |   | ON CHANNEL |    |    |
|----------------|--------|---|---|------------|----|----|
| EN             | SELECT |   |   |            |    |    |
|                | C      | B | A | Z0         | Y0 | X0 |
| 0              | 0      | 0 | 0 | Z0         | Y0 | X0 |
| 0              | 0      | 0 | 1 | Z0         | Y0 | X1 |
| 0              | 0      | 1 | 0 | Z0         | Y1 | X0 |
| 0              | 0      | 1 | 1 | Z0         | Y1 | X1 |
| 0              | 1      | 0 | 0 | Z1         | Y0 | X0 |
| 0              | 1      | 0 | 1 | Z1         | Y0 | X1 |
| 0              | 1      | 1 | 0 | Z1         | Y1 | X0 |
| 0              | 1      | 1 | 1 | Z1         | Y1 | X1 |
| 1              | X      | X | X | OPEN       |    |    |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

SN74HC00ANS (TI) FLAT PACKAGE  
SN74HC00ANS-E05  
SN74HCT00ANS-E05 (TI) FLAT PACKAGE  
TC74VHC00F (TOSHIBA) FLAT PACKAGE  
TC74VHC00F (EL)  
TC74VHC00FS (EL) (TOSHIBA) FLAT PACKAGE  
TC74VHC00FT (EL) (TOSHIBA) FLAT PACKAGE  
TC74VHCT00AFT (EL)  
TC74VHCT00FS (EL) (TOSHIBA) FLAT PACKAGE  
TC74VHCT00FT (EL) (TOSHIBA) FLAT PACKAGE

C-MOS QUAD 2-INPUT NAND GATES  
-TOP VIEW-

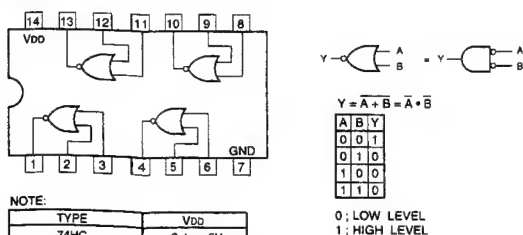


NOTE:

| TYPE               | VDD           |
|--------------------|---------------|
| 74AC/74VHC         | +2 to +5.5V   |
| 74ACT/74HCT/74VHCT | +4.5 to +5.5V |
| LCX                | +2 to +3.6V   |
| OTHER TYPES        | +2 to +6V     |

TC74VHC02F (TOSHIBA) FLAT PACKAGE  
TC74VHC02F (EL)

C-MOS QUAD 2-INPUT NOR GATES  
-TOP VIEW-



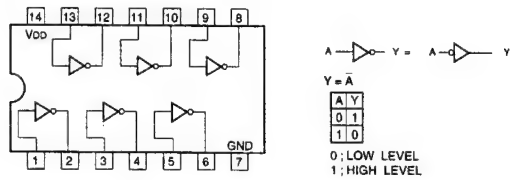
NOTE:

| TYPE        | VDD           |
|-------------|---------------|
| 74HC        | +2 to +6V     |
| 74AC/74VHC  | +2 to +5.5V   |
| 74HCT/74ACT | +4.5 to +5.5V |
| 74LCX       | +2 to +3.6V   |

DSR-80/80P/60/60P

TC74VHC04F (TOSHIBA) FLAT PACKAGE  
TC74VHC04F (EL)  
TC74VHC04FS (EL)  
TC74VHC04FT (EL) (TOSHIBA)

C-MOS HEX INVERTERS  
-TOP VIEW-

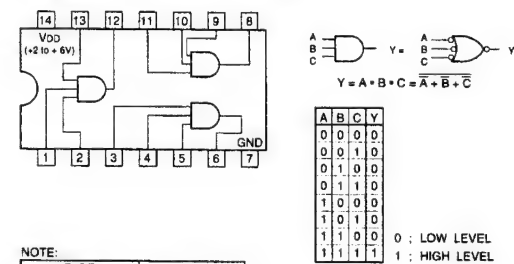


NOTE:

| TYPE              | VDD           |
|-------------------|---------------|
| 74AC/74VHC/74VHCT | +2 to +5.5V   |
| 74ACT/74HCT       | +4.5 to +5.5V |
| 74LCX             | +2 to +3.6V   |
| OTHER TYPE        | +2 to +6V     |

TC74VHC11F (TOSHIBA) FLAT PACKAGE  
TC74VHC11F (EL)

C-MOS 3-INPUT POSITIVE-AND GATE  
-TOP VIEW-

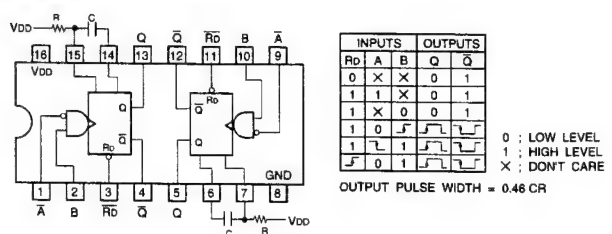


NOTE:

| TYPE        | VDD          |
|-------------|--------------|
| TC74VHC11   | +2V to +5.5V |
| OTHER TYPES | +2V to +6V   |

TC74VHC123AFS (EL) (TOSHIBA) FLAT PACKAGE  
TC74VHC123AFT (EL) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS  
-TOP VIEW-



| INPUTS |     | OUTPUTS |       |
|--------|-----|---------|-------|
| Rd     | A B | Q       | Q-bar |
| 0      | X X | 0       | 1     |
| 1      | 1 X | 0       | 1     |
| 1      | X 0 | 0       | 1     |
| 1      | 0 1 | 1       | 0     |
| 1      | 1 1 | 1       | 0     |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

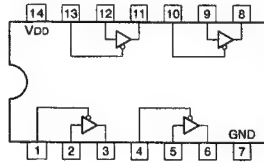
OUTPUT PULSE WIDTH = 0.46 RC

NOTE:

| TYPE        | VDD          |
|-------------|--------------|
| TC74HC123AF | +5V          |
| TC74VHC     | +2V to +5.5V |
| OTHER TYPES | +2V to +6V   |

TC74VHC125F (TOSHIBA) FLAT PACKAGE  
 TC74VHC125F(EL)  
 TC74VHC125FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC125FT(EL) (TOSHIBA) FLAT PACKAGE

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT  
 -TOP VIEW-



| G | A | Y    |
|---|---|------|
| 0 | 0 | 0    |
| 0 | 1 | 1    |
| 1 | X | Hi-Z |

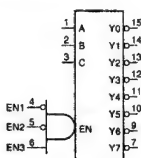
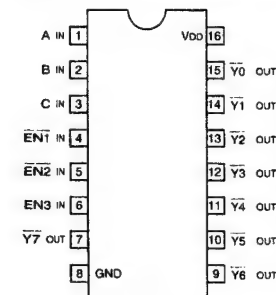
0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 Hi-Z : HIGH IMPEDANCE

NOTE:

| TYPE        | VDD           |
|-------------|---------------|
| 74AC/74VHC  | +2 to +5.5V   |
| 74ACT/74HCT | +4.5 to +5.5V |
| 74LCX       | +2 to +3.6V   |
| 74LV/74LVC  | +2.7 to +3.6V |
| OTHER TYPES | +2 to +6V     |

TC74VHC138F(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER  
 -TOP VIEW-



| INPUTS |   |   |   | OUTPUTS |    |    |    |    |    |    |    |
|--------|---|---|---|---------|----|----|----|----|----|----|----|
| EN     | C | B | A | Y7      | Y6 | Y5 | Y4 | Y3 | Y2 | Y1 | Y0 |
| 0      | X | X | X | 1       | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 1      | 0 | 0 | 0 | 1       | 1  | 1  | 1  | 1  | 1  | 1  | 0  |
| 1      | 0 | 0 | 1 | 1       | 1  | 1  | 1  | 1  | 1  | 0  | 1  |
| 1      | 0 | 1 | 0 | 1       | 1  | 1  | 1  | 1  | 0  | 1  | 1  |
| 1      | 0 | 1 | 1 | 1       | 1  | 1  | 1  | 0  | 1  | 1  | 1  |
| 1      | 1 | 0 | 0 | 1       | 1  | 1  | 0  | 1  | 1  | 1  | 1  |
| 1      | 1 | 0 | 1 | 1       | 1  | 1  | 0  | 1  | 1  | 1  | 1  |
| 1      | 1 | 1 | 0 | 1       | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
| 1      | 1 | 1 | 1 | 0       | 1  | 1  | 1  | 1  | 1  | 1  | 1  |

$$EN = \overline{EN1} \cdot \overline{EN2} \cdot \overline{EN3}$$

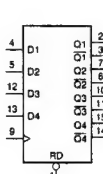
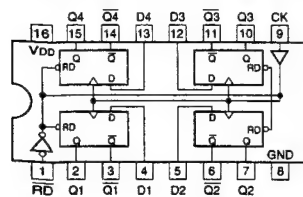
0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE

NOTE:

| TYPE            | VDD           |
|-----------------|---------------|
| 74HCT138 TYPE   | +5V           |
| 74ACT138 TYPE   | +4.5 to +5.5V |
| TC74VHC138 TYPE | +2 to +5.5V   |
| OTHER TYPES     | +2 to +6V     |

TC74VHC175F (TOSHIBA) FLAT PACKAGE  
 TC74VHC175F(EL)  
 TC74VHC175FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC175FT(EL) (TOSHIBA) FLAT PACKAGE

C-MOS QUAD D-TYPE FLIP-FLOPS WITH RESET  
 -TOP VIEW-



| RD | CK | D | Q  | Q̄  |
|----|----|---|----|-----|
| 0  | X  | X | 0  | 1   |
| 1  | 1  | 1 | 1  | 0   |
| 1  | 1  | 0 | 0  | 1   |
| 1  | 0  | X | Q0 | Q0̄ |

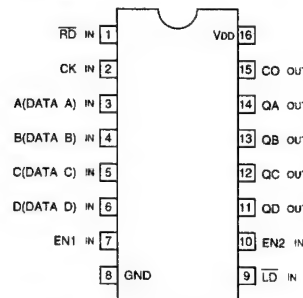
0 : LOW LEVEL  
 1 : HIGH LEVEL  
 X : DON'T CARE  
 Q0 : NO CHANGE  
 Q0̄ : NO CHANGE

NOTE:

| TYPE          | VDD           |
|---------------|---------------|
| AC TYPE       | +2V to +5.5V  |
| 74ACT175 TYPE | +4.5V to 5.5V |
| OTHER TYPES   | +2V to 6V     |

TC74VHC163F (TOSHIBA) FLAT PACKAGE  
 TC74VHC163F(EL)

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY COUNTER  
 -TOP VIEW-



MODE SELECTION

| CONTROL INPUTS |    |     |     | MODE                 |
|----------------|----|-----|-----|----------------------|
| RD             | LD | EN1 | EN2 | MODE                 |
| 0              | X  | X   | X   | RESET (SYNCHRONOUS)  |
| 1              | 0  | X   | X   | PRESET (SYNCHRONOUS) |
| 1              | 1  | 0   | X   | NO COUNT             |
| 1              | 1  | X   | 0   | NO COUNT             |
| 1              | 1  | 1   | 1   | COUNT                |

CARRY OUTPUT "CO"



CO IS HIGH WHEN EN2 INPUT IS HIGH AND COUNT IS "15".

NOTE:

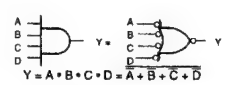
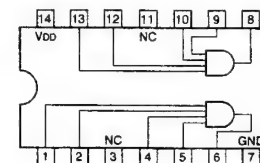
| TYPE        | VDD         |
|-------------|-------------|
| HC          | +2 to +6V   |
| AC/VHC      | +2 to +5.5V |
| HCT/ACT/FCT | +5V         |

COUNT SEQUENCE

| COUNT | QD | QC | QB | QA |
|-------|----|----|----|----|
| 0     | 0  | 0  | 0  | 0  |
| 1     | 0  | 0  | 0  | 1  |
| 2     | 0  | 0  | 1  | 0  |
| 3     | 0  | 0  | 1  | 1  |
| 4     | 0  | 1  | 0  | 0  |
| 5     | 0  | 1  | 0  | 1  |
| 6     | 0  | 1  | 1  | 0  |
| 7     | 0  | 1  | 1  | 1  |
| 8     | 1  | 0  | 0  | 0  |
| 9     | 1  | 0  | 0  | 1  |
| 10    | 1  | 0  | 1  | 0  |
| 11    | 1  | 0  | 1  | 1  |
| 12    | 1  | 1  | 0  | 0  |
| 13    | 1  | 1  | 0  | 1  |
| 14    | 1  | 1  | 1  | 0  |
| 15    | 1  | 1  | 1  | 1  |

TC74VHC21F (TOSHIBA) FLAT PACKAGE  
 TC74VHC21F(EL)

C-MOS DUAL 4-INPUT POSITIVE AND GATE  
 -TOP VIEW-



| A | B | C | D | Y |
|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 1 | 0 |
| 0 | 0 | 1 | 0 | 0 |
| 0 | 0 | 1 | 1 | 0 |
| 0 | 1 | 0 | 0 | 0 |
| 0 | 1 | 0 | 1 | 0 |
| 0 | 1 | 1 | 0 | 0 |
| 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 1 | 0 |
| 1 | 0 | 1 | 0 | 0 |
| 1 | 0 | 1 | 1 | 0 |
| 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 1 | 0 |
| 1 | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 |

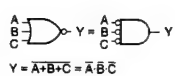
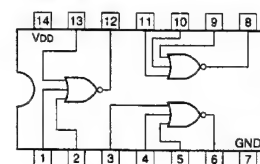
0 : LOW LEVEL  
 1 : HIGH LEVEL

NOTE:

| TYPE | VDD          |
|------|--------------|
| HC   | +2V to +6V   |
| VHC  | +2V to +5.5V |

TC74VHC27F(EL) (TOSHIBA)

C-MOS 3-LINE POSITIVE-NOR GATE  
 -TOP VIEW-



| A | B | C | Y |
|---|---|---|---|
| 0 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

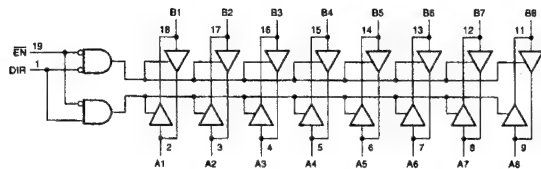
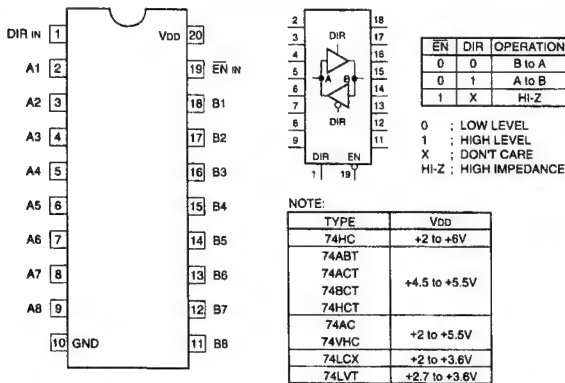
0 : LOW LEVEL  
 1 : HIGH LEVEL

NOTE:

| TYPE   | VDD       |
|--------|-----------|
| TC40H  | +2 to +8V |
| OTHERS | +2 to +6V |

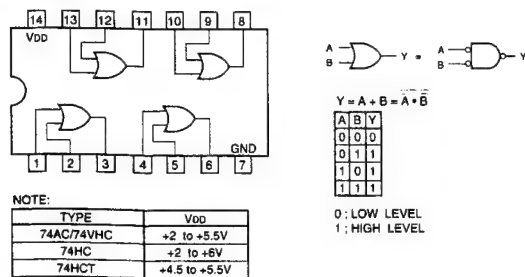
SN74HC245ANS (TI) FLAT PACKAGE  
 SN74HC245ANS-E05  
 SN74LVC245ANS-E20  
 SN74LVC245ANS-E20 (TI)  
 SN74LVC245APW-E20 (TI)  
 TC74HCT245AF (TOSHIBA)  
 TC74HCT245AF(EL)  
 TC74VHC245F(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC245FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC245FT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT245F(EL) (TOSHIBA) FLAT PACKAGE

C-MOS BILATERAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS  
 -TOP VIEW-



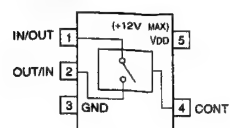
TC74VHC32F (TOSHIBA) FLAT PACKAGE  
 TC74VHC32F(EL)  
 TC74VHC32FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC32FT(EL) (TOSHIBA) FLAT PACKAGE

C-MOS QUAD 2-INPUT OR GATES  
 -TOP VIEW-



TC7S66F (TOSHIBA)  
 TC7S66F(T85R)  
 TC7S66FU (TOSHIBA)  
 TC7S66FU(T85R)

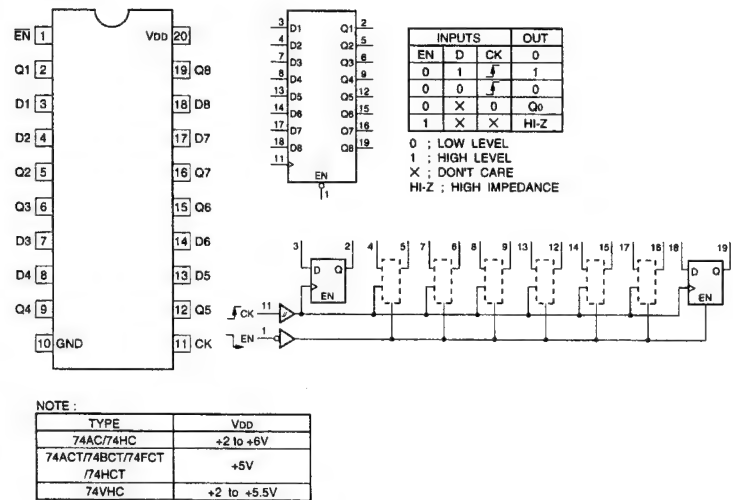
C-MOS ANALOG SWITCH  
 -TOP VIEW-



DSR-80/80P/60/60P

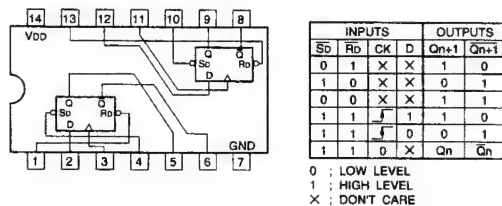
TC74VHC374F (TOSHIBA) FLAT PACKAGE  
 TC74VHC374F(EL)

C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP  
 -TOP VIEW-



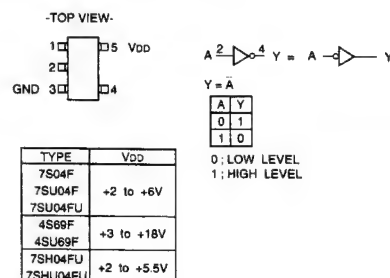
TC74VHC74F (TOSHIBA) FLAT PACKAGE  
 TC74VHC74F(EL)  
 TC74VHC74FS(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHC74FT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT74AFT(EL) (TOSHIBA) FLAT PACKAGE  
 TC74VHCT74FS(EL) (TOSHIBA)

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET  
 -TOP VIEW-



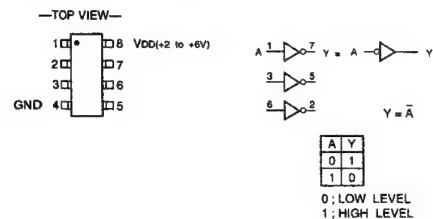
SC7S04F (MOTOROLA) CHIP PACKAGE  
 TC4S69F (TOSHIBA) CHIP PACKAGE  
 TC4S69F(T85R)  
 TC7S04F(T85R)  
 TC7S04FU(T85R) (TOSHIBA) FLAT PACKAGE  
 TC7S04FU-T85L (TOSHIBA) CHIP PACKAGE  
 TC7SH04FU (TOSHIBA) CHIP PACKAGE  
 TC7SH04FU-T85R

C-MOS INVERTER



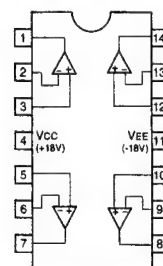
TC7W04FU (TOSHIBA)CHIP PACKAGE  
TC7W04FU(TE12R) (TOSHIBA)FLAT PACKAGE  
TC7W04FU-TE12L

C-MOS HEX INVERTERS



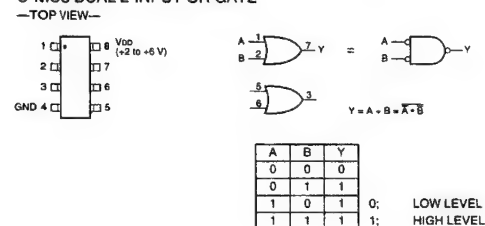
TL064CPW (TI)FLAT PACKAGE  
TL064CPW-E05

OPERATIONAL AMPLIFIER  
(J FET INPUT)  
—TOP VIEW—



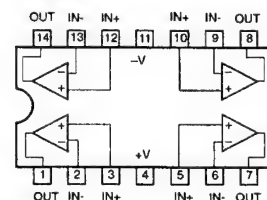
TC7W32FU-TE12L (TOSHIBA)CHIP PACKAGE

C-MOS DUAL 2-INPUT OR GATE



UPC324G2 (NEC)FLAT PACKAGE  
UPC324G2-E2

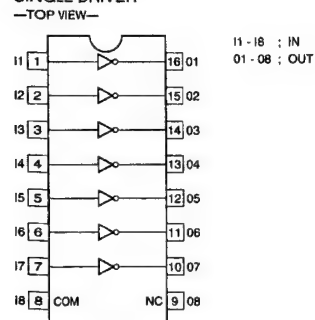
QUAD OPERATIONAL AMPLIFIERS  
—TOP VIEW—



|               | +V            | -V            |
|---------------|---------------|---------------|
| SINGLE SUPPLY | +3 to +32 V   | GND           |
| DUAL SUPPLIES | +1.5 to +16 V | -1.5 to -16 V |

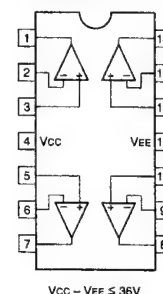
TD62504F-TEL (TOSHIBA)  
TD62504F(EL)

SINGLE DRIVER  
—TOP VIEW—



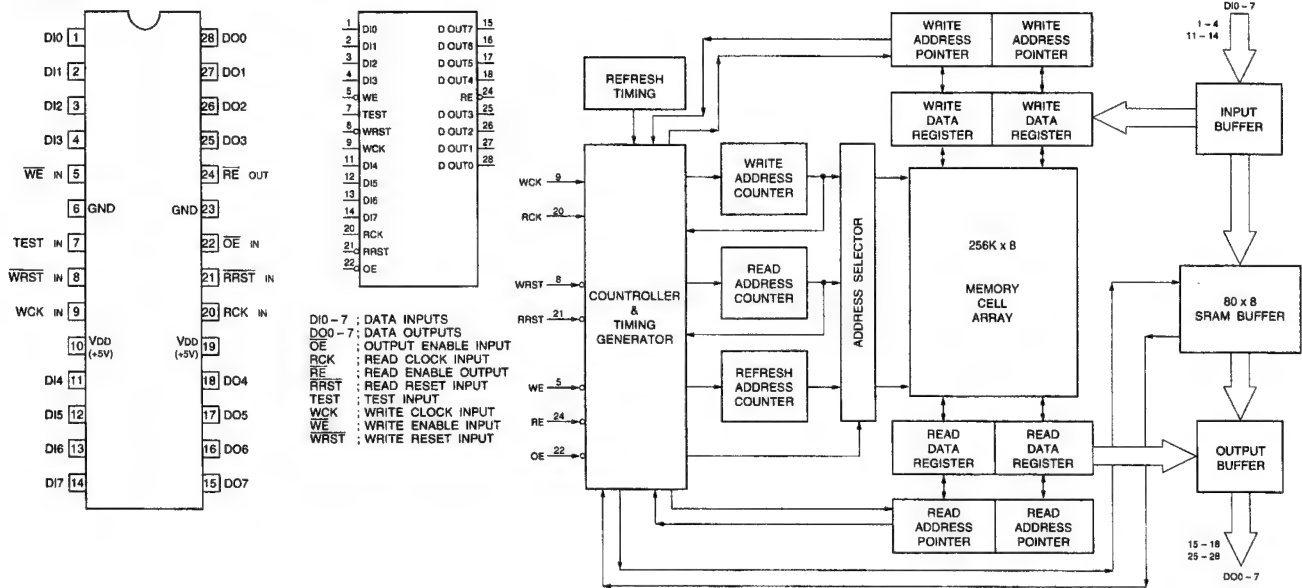
UPC4574G2 (NEC)  
UPC4574G2-T2

QUAD OPERATIONAL AMPLIFIER  
—TOP VIEW—



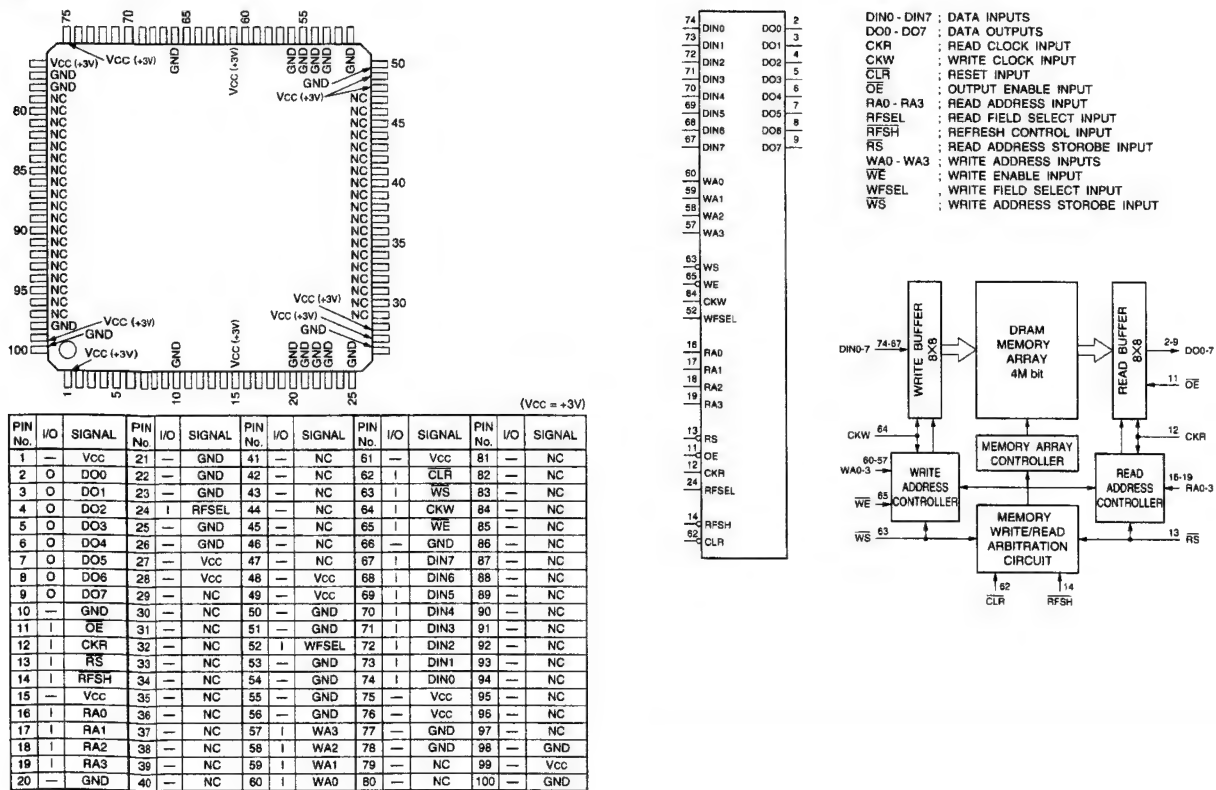
UPD42280GU-30 (NEC) FLAT PACKAGE  
UPD42280GU-30-E2

C-MOS 2M (256 x 8) BIT FIELD BUFFER  
—TOP VIEW—



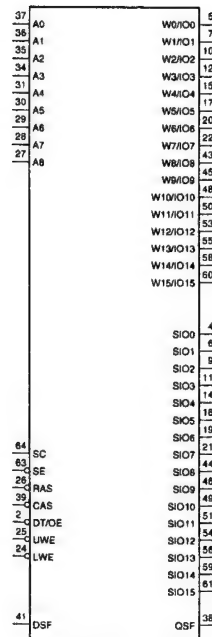
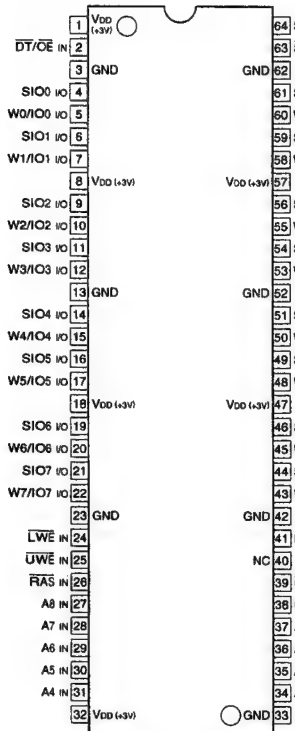
ZA4024 (TI)

SIGNAL PROCESSOR FOR DIGITAL VCR  
—TOP VIEW—

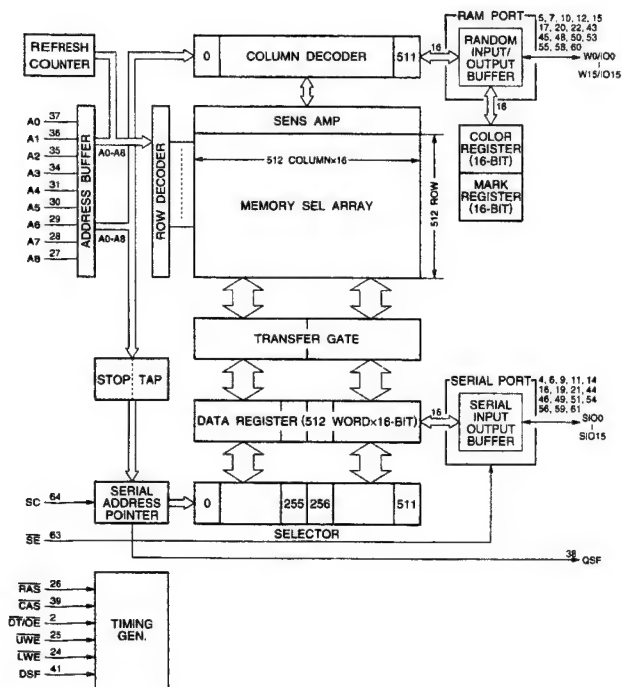




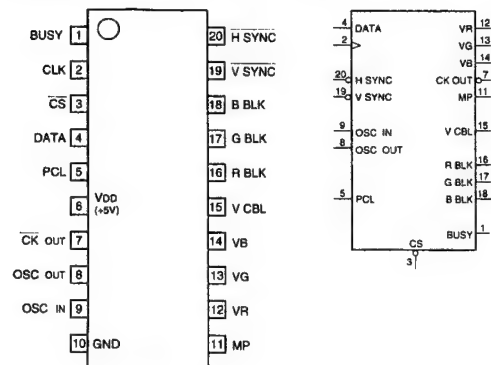
## UPD482445LGW-B10-E2 (NEC)

C-MOS 4M-BIT DUAL PORT GRAPHICS BUFFER  
-TOP VIEW-

A0-A8 : ADDRESS INPUTS  
CAS : COLUMN ADDRESS STROBE INPUT  
DSF : SPECIAL FUNCTION ENABLE INPUT  
DT : DATA TRANSFER  
OE : OUTPUT ENABLE INPUT  
QSF : SPECIAL FUNCTION OUTPUT  
RAS : ROW ADDRESS STROBE INPUT  
SC : SERIAL CLOCK INPUT  
SE : SERIAL DATA INPUT/OUTPUT ENABLE INPUT  
SIO0-SIO15 : SERIAL DATA INPUTS/OUTPUTS  
UWE : WRITE BAR BIT  
LWE : WRITE ENABLE INPUT  
W0-W15 : DATA INPUTS/OUTPUTS  
IO0-IO15



## UPD6453GT-635-E2 (NEC) FLAT PACKAGE

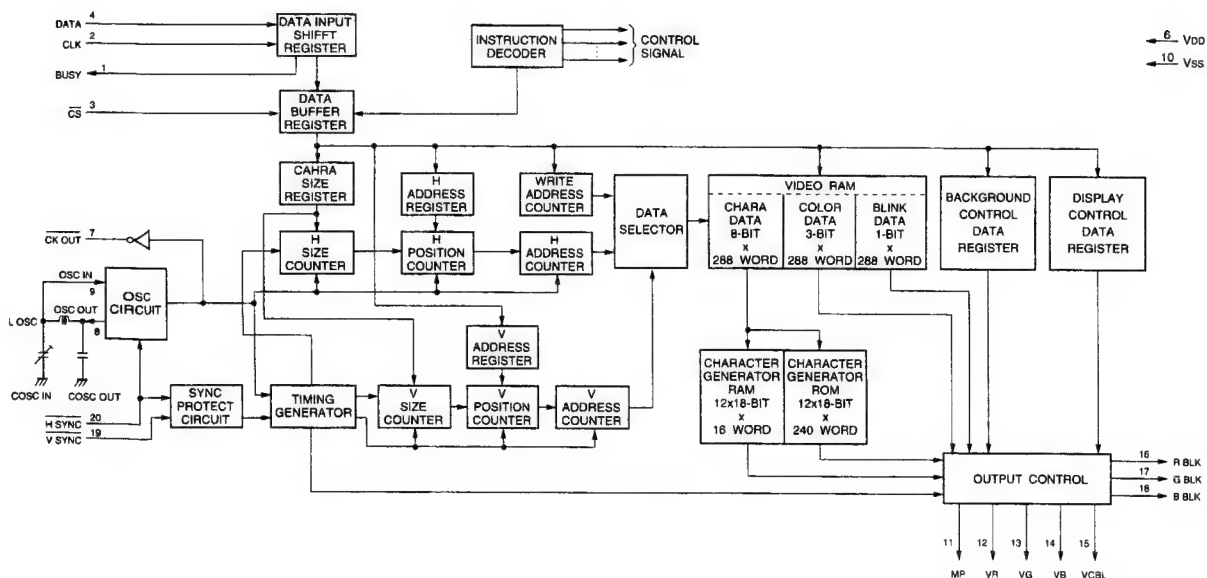
C-MOS ON-SCREEN CHARACTER DISPLAY  
—TOP VIEW—

**INPUT**

CLK : CLOCK  
CS : CHIP SELECT  
DATA : SERIAL DATA  
H SYNC : HORIZONTAL SYNC  
OSC IN : OSCILLATOR IN  
PCL : POWER ON CLEAR  
V SYNC : VERTICAL SYNC

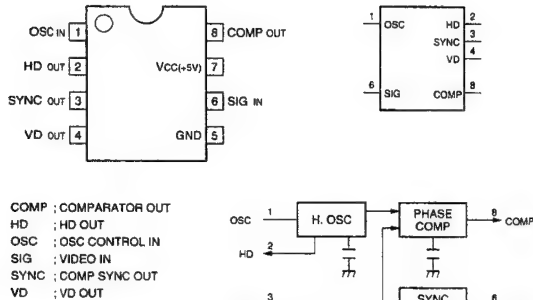
**OUTPUT**

B BLK, R BLK, G BLK : B, R, G, BLANKING  
BUSY : BUSY OUT  
CK OUT : CLOCK PULSE  
MP : MASK PULSE  
OSC OUT : OSCILLATOR OUT  
VR, VG, VB : R, G, B, CHARACTER DATA  
V CBL : VIDEO CUT BLANKING



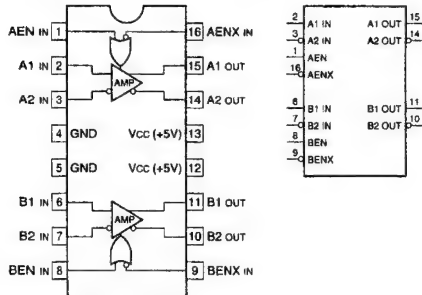
**BA7046F (ROHM) FLAT PACKAGE  
BA7046F-E2**

**VIDEO SIGNAL SYNC SEPARATOR, AFC**  
— TOP VIEW —



**CXA1777N-T4 (SONY) FLAT PACKAGE**

**DUAL DIFFERENTIAL PRE-AMPLIFIER**  
— TOP VIEW —

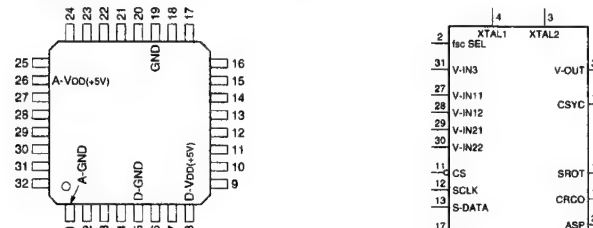


| ENX | EN | OUTPUTS |
|-----|----|---------|
| 0   | X  | OUT     |
| X   | 1  | OUT     |
| 1   | 0  | HIGH-Z  |

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE  
HIGH-Z : HIGH IMPEDANCE

**CXD2131Q-T4 (SONY)**

**C-MOS VIDEO ADDITIONAL DATA (ASPECT RATIO IDENTIFICATION) ENCODER/DECODER**  
— TOP VIEW —



| PIN NO. | I/O | SIGNAL  | PIN NO. | I/O | SIGNAL |
|---------|-----|---------|---------|-----|--------|
| 1       | —   | A-GND   | 17      | I   | SCL    |
| 2       | I   | fsc SEL | 18      | I/O | SDA    |
| 3       | O   | XTAL2   | 19      | —   | D-GND  |
| 4       | I   | XTAL1   | 20      | O   | LBX    |
| 5       | —   | D-GND   | 21      | O   | ASP    |
| 6       | I   | ASP1    | 22      | I   | TEST1  |
| 7       | I   | MCIF    | 23      | I   | TEST2  |
| 8       | —   | D-VDD   | 24      | I   | ISET1  |
| 9       | I   | MIF     | 25      | I   | ISET2  |
| 10      | I/O | SROT    | 26      | —   | A-VDD  |
| 11      | I   | CS      | 27      | I   | V-IN11 |
| 12      | I   | SCLK    | 28      | I   | V-IN12 |
| 13      | I   | S-DATA  | 29      | I   | V-IN21 |
| 14      | I   | RST     | 30      | I   | V-IN22 |
| 15      | O   | CRCO    | 31      | I   | V-IN3  |
| 16      | O   | CSYG    | 32      | O   | V-OUT  |

**INPUT**

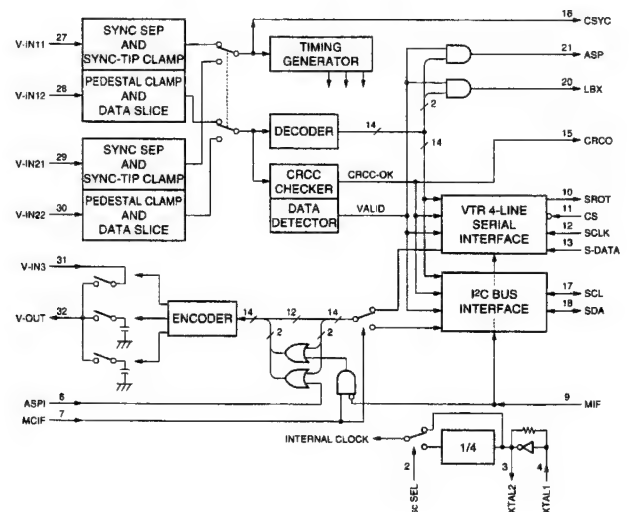
ASP1 : ASPECT SELECT (H = 16 : 9, L = 4 : 3)  
CS : CHIP SELECT  
fsc SEL : fsc/4fsc SELECT  
ISET1, ISET2 : ANALOG BIAS CURRENT SETTING  
MCIF : MICROCOMPUTER INTERFACE SELECT (L = I2C, H = SERIAL)  
MIF : MICROCOMPUTER INTERFACE SELECT (L = EXIST, H = NONE)  
RST : RESET  
SCL : I2C BUS CLOCK  
SCLK : CLOCK  
S-DATA : SERIAL DATA  
TEST1, TEST2 : FOR TEST  
V-IN11 : SYNC SEP INPUT  
V-IN12 : DECODE DATA SLICER INPUT  
V-IN21 : SYNC SEP INPUT  
V-IN22 : DECODE DATA SLICER INPUT  
V-IN3 : ENCODE INPUT  
XTAL1 : CRYSTAL OSCILLATOR

**OUTPUT**

ASP : ASPECT (H = 16 : 9, L = 4 : 3)  
CRCO : CRCC CHECK MONITORING  
CSYG : COMPOSITE SYNC MONITORING  
LBX : LETTER BOX (H = LETTER BOX, L = NORMAL)  
V-OUT : ENCODE OUTPUT  
XTAL2 : CRYSTAL OSCILLATOR

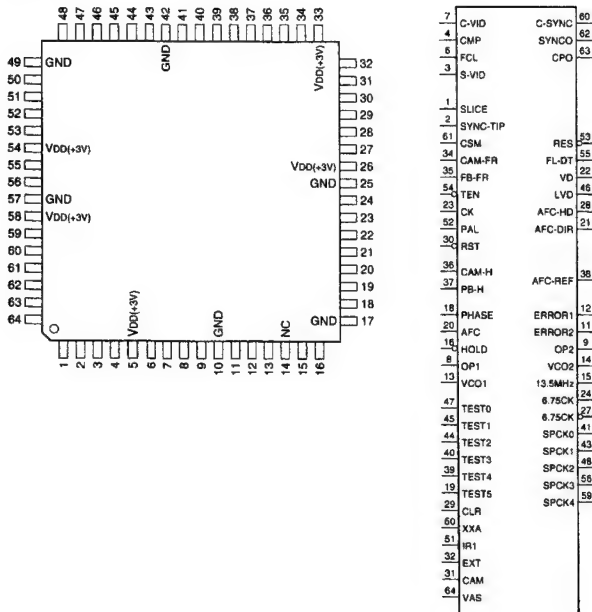
**INPUT/OUTPUT**

SDA : I2C BUS DATA  
SROT : SERIAL INTERFACE OUTPUT TO THE MICROCOMPUTER

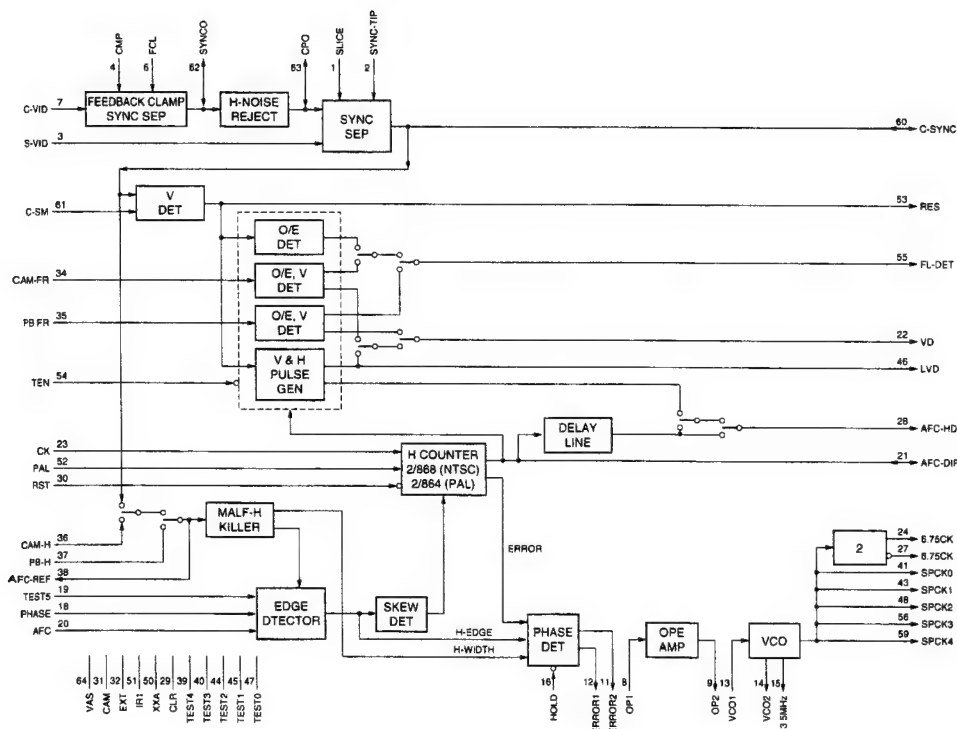


CXD2193AR-ER (SONY)

C-MOS AFC FOR SYNC SIGNAL  
-TOP VIEW-



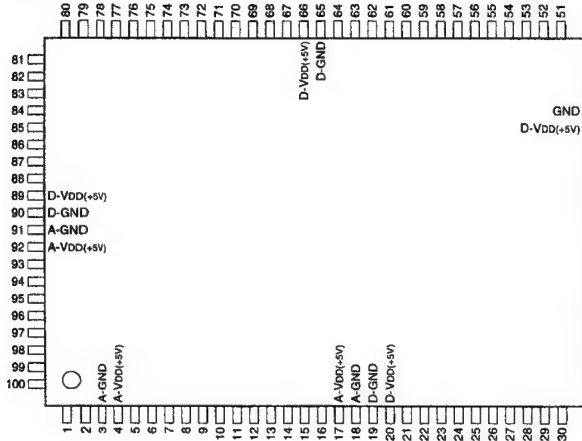
| INPUT         |  |
|---------------|--|
| AFC           | : AFC LOCK PHASE ADJUSTMENT INPUT                      |
| CAM           | : CAMERA/LINE SELECT INPUT (H = CAMERA, L = LINE)      |
| CAM-FR        | : FRAME SIGNAL IN CAMERA INPUT MODE                    |
| CAM-H         | : H SYNC INPUT IN CAMERA INPUT MODE                    |
| CK            | : MASTER CLOCK INPUT (6.75MHz)                         |
| CLR           | : DIRECT CLEAR INPUT                                   |
| CMP           | : SLICE LEVEL OF THE FEEDBACK CLAMP SYSTEM             |
| CSM           | : ABNORMAL SIGNAL COMPENSATOR ON/OFF (H = ON, L = OFF) |
| C-VID         | : VIDEO INPUT OF THE FEEDBACK CLAMP SYSTEM             |
| EXT           | : EXTERNAL/INTERNAL SELECT INPUT (H = EXT, L = INT)    |
| FB-FR         | : FRAME SIGNAL IN NORMAL PB MODE                       |
| FCL           | : SYNC-TIP LEVEL OF THE FEEDBACK CLAMP SYSTEM          |
| HOLD          | : AFC ERROR HOLD INPUT (L = ERROR HOLD)                |
| OP1           | : OPERATIONAL AMPLIFIER INPUT                          |
| PAL           | : SYSTEM SELECT INPUT (H = PAL, L = NTSC)              |
| PB-H          | : H SYNC INPUT IN NORMAL PB MODE                       |
| PHASE         | : AFC PHASE ADJUST INPUT                               |
| RST           | : AFC RESET INPUT (L = RESET)                          |
| S-VID         | : VIDEO INPUT OF THE SYNC CLAMP SYSTEM                 |
| SLICE         | : SLICE LEVEL OF THE SYNC CLAMP SYSTEM                 |
| SYNC-TIP      | : SYNC-TIP LEVEL OF THE SYNC CLAMP SYSTEM              |
| TEN           | : V SYNC ADJUST INPUT                                  |
| VAS           | : V SYNC ADJUST INPUT                                  |
| VCO1          | : VCO INPUT  |
| OUTPUT        |  |
| 13.5MHz       | : 13.5MHz OUTPUT                                       |
| 6.75CK        | : 6.75MHz OUTPUT                                       |
| AFC-HD        | : HD FROM THE AFC OUTPUT                               |
| AFC-REF       | : AFC REFERENCE OUTPUT                                 |
| C-SYNC        | : SEPARATED SYNC OUTPUT OF THE SYNC CLAMP SYSTEM       |
| ERROR1        | : AFC MAIN LOOP PHASE ERROR OUTPUT                     |
| ERROR2        | : AFC SUB LOOP PHASE ERROR OUTPUT                      |
| FL-DT         | : ODD/EVEN DETECTED OUTPUT (H = 1st and 3rd FIELDS)    |
| LVD           | : VERTICAL SYNC OUTPUT (FOR NO SIGNAL DETECTION)       |
| OP2           | : OPERATIONAL AMPLIFIER OUTPUT                         |
| RES           | : V SYNC LPF OUTPUT (FOR TEST)                         |
| SPCK1 - SPCK4 | : 13.5MHz OUTPUT                                       |
| SYNCO         | : SEPARATED SYNC OUTPUT (FOR TEST)                     |
| VCO2          | : VCO OUTPUT   |
| VD            | : DETECTED VERTICAL SYNC OUTPUT                        |
| INPUT/OUTPUT  |  |
| AFC-DIR       | : AFC DIRECT (FOR TEST)                                |
| CPO           | : SYNC CLAMP MONITORING TERMINAL                       |
| IR1           | : FOR TEST   |
| XXA           | : FOR TEST   |



## CXD2208Q (SONY)

## C-MOS Y/C SEPARATOR/CLOCK GENERATOR

- TOP VIEW -



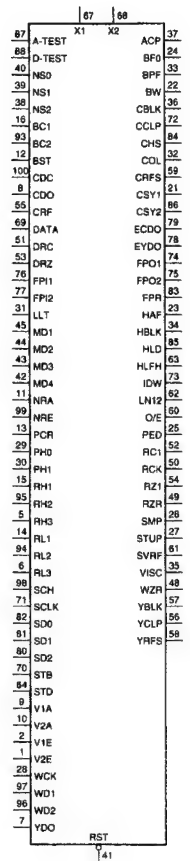
| PIN NO. | I/O | SIGNAL     | PIN NO. | I/O | SIGNAL     | PIN NO. | I/O | SIGNAL     |
|---------|-----|------------|---------|-----|------------|---------|-----|------------|
| 1       | I   | V2E        | 35      | O   | VISC       | 69      | I   | DATA       |
| 2       | I   | V1E        | 36      | O   | CBLK       | 70      | I   | STB        |
| 3       | I   | A-GND      | 37      | O   | ACP        | 71      | I   | SCLK       |
| 4       | I   | A-VDD(+5V) | 38      | I   | NS2        | 72      | O   | CCLP       |
| 5       | I   | RH3        | 39      | I   | NS1        | 73      | O   | IDW        |
| 6       | I   | RL3        | 40      | I   | NS0        | 74      | O   | FPO1       |
| 7       | I   | YDO        | 41      | I   | RST        | 75      | O   | FPO2       |
| 8       | I   | CDO        | 42      | I   | MD4        | 76      | I   | FPI1       |
| 9       | I   | V1A        | 43      | I   | MD3        | 77      | I   | FPI2       |
| 10      | I   | V2A        | 44      | I   | MD2        | 78      | O   | EYDO       |
| 11      | I   | NRA        | 45      | I   | MD1        | 79      | O   | ECDO       |
| 12      | I   | BST        | 46      | I   | D-VDD(+5V) | 80      | I   | SD2        |
| 13      | I   | PCR        | 47      | I   | D-GND      | 81      | I   | SD1        |
| 14      | I   | RL1        | 48      | O   | WZR        | 82      | I   | SD0        |
| 15      | I   | RH1        | 49      | O   | RZR        | 83      | O   | FPR        |
| 16      | I   | BC1        | 50      | O   | RCK        | 84      | O   | CHS        |
| 17      | I   | A-VDD(+5V) | 51      | I   | DRC        | 85      | O   | HL2        |
| 18      | I   | A-GND      | 52      | O   | RC1        | 86      | O   | CSY2       |
| 19      | I   | D-GND      | 53      | I   | DRZ        | 87      | I   | A-TEST     |
| 20      | I   | D-VDD(+5V) | 54      | O   | RZ1        | 88      | I   | D-TEST     |
| 21      | O   | CSY1       | 55      | I   | CRF        | 89      | I   | D-VDD(+5V) |
| 22      | O   | BW         | 56      | O   | YCLP       | 90      | I   | D-GND      |
| 23      | O   | HAF        | 57      | O   | YBLK       | 91      | I   | A-GND      |
| 24      | O   | BF0        | 58      | O   | YRFS       | 92      | I   | A-VDD(+5V) |
| 25      | O   | PED        | 59      | O   | CRFS       | 93      | I   | BC2        |
| 26      | O   | SMP        | 60      | O   | O/E        | 94      | I   | RL2        |
| 27      | O   | STUP       | 61      | O   | SVRF       | 95      | I   | RH2        |
| 28      | I   | WCK        | 62      | O   | LN12       | 96      | I   | WD2        |
| 29      | I   | PH0        | 63      | O   | HLFH       | 97      | I   | WD1        |
| 30      | I   | PH1        | 64      | I   | STD        | 98      | I   | SCH        |
| 31      | I   | LLT        | 65      | I   | D-GND      | 99      | I   | NRE        |
| 32      | O   | COL        | 66      | I   | D-VDD(+5V) | 100     | I   | CDC        |
| 33      | O   | BPF        | 67      | I   | X1         |         |     |            |
| 34      | O   | HBLK       | 68      | O   | X2         |         |     |            |

## INPUT

|            |  |
|------------|--|
| A-TEST     | : ANALOG NODE TEST   |
| BC1, BC2   | : BIAS CURRENT   |
| BST        | : BURST  |
| CDC        | : SLICE LEVEL  |
| CDO        | : C DROPOUT PULSE  |
| CLR        | : RESET (L : RESET)  |
| CRF        | : EXTERNAL C-REFERENCE SYNC                                      |
| DATA       | : SERIAL DATA  |
| DRC        | : 32 nSec DELAYED READ CLOCK (PAL ONLY)                          |
| DRZ        | : 100 nSec DELAYED READ CLOCK                                    |
| D-TEST     | : DIGITAL MODE TEST  |
| FPI1, FPI2 | : DETECTED COLOR FRAME ID  |
| LLT        | : LALT   |
| MD1, MD2   | : VIDEO MODE SELECT  |
| MD3, MD4   | : SIGNAL MODE SELECT   |
| NRA        | : INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC |
| NRE        | : INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC |
| NS0 - NS2  | : TEST SIGNAL FOR THE DIGITAL MODE                               |
| PCR        | : EXTERNAL CR FOR DESIGNATING THE SAMPLING PULSE WIDTH           |
| PH0        | : 1/2 WCK (2fsc)   |
| PH1        | : 1/4 WCK (fsc)  |
| RH1 - RH3  | : REFERENCE VOLTAGE (+1.8V)                                      |
| RL1 - RL3  | : REFERENCE VOLTAGE (+1.7V)                                      |
| SCH        | : DETECTED SCH VOLTAGE   |
| SCLK       | : SERIAL DATA CLOCK  |
| SD0 - SD2  | : COLOR FRAMING PHASE ADJUSTMENT                                 |
| STB        | : SERIAL DATA STROBE   |
| STD        | : STANDARD MODE SIGNAL FROM THE SYSTEM CONTROLLER                |
| V1A        | : VIDEO SIGNAL FOR CLAMP PULSE GENERATION                        |
| V2A        | : VIDEO SIGNAL FOR SYNC SEPARATION                               |
| V1E        | : SELECT Y SIGNAL FOR CLAMP PULSE GENERATION                     |
| V2E        | : SELECT Y SIGNAL FOR SYNC SEPARATION                            |
| WCK        | : WRITE CLOCK (4fsc)   |
| WD1        | : LOWER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR            |
| WD2        | : UPPER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR            |
| X1         | : EXTERNAL CRYSTAL OSCILLATOR                                    |
| YDO        | : Y DROPOUT PULSE  |

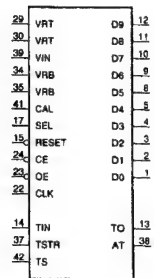
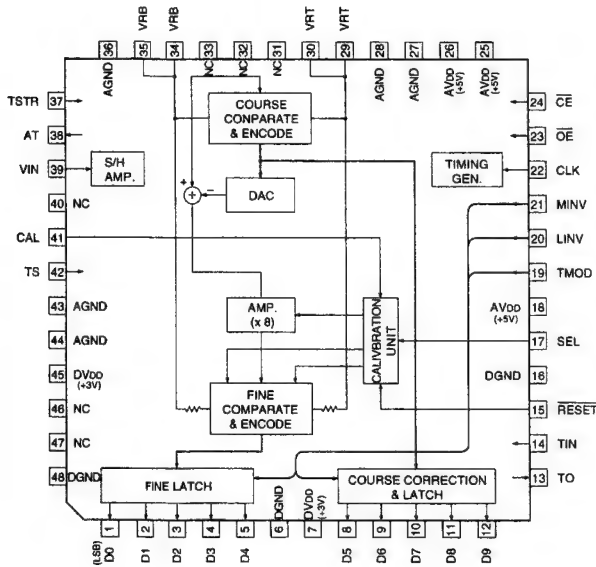
## OUTPUT

|            |   |
|------------|---|
| ACP        | : SYNC-TIP CLAMP PULSE  |
| BF0        | : BURST GATE PULSE  |
| BPF        | : L : BAND-PASS FILTER MODE PERIOD                              |
| BW         | : H : B/W, L : COLOR  |
| CBLK       | : BLANKING  |
| CCLP       | : CTDM CLAMP PULSE  |
| CHS        | : CHARGE START OF COLOR FRAMING DETECTION                       |
| COL        | : H : COLOR PERIOD, L : B/W PERIOD (ALWAYS "H" IN S-VIDEO MODE) |
| CRFS       | : C REFERENCE SYNC GENERATION SIGNAL                            |
| CSY1, CSY2 | : SEPARATED SYNC  |
| ECDO       | : C DROPOUT   |
| EYDO       | : Y DROPOUT   |
| FPO1       | : FP1 OR CTDM FP1 OUTPUT  |
| FPO2       | : FP2 OR CTDM FP2 OUTPUT  |
| FPR        | : FIELD PULSE GENERATOR RESET PULSE                             |
| HAF        | : HALF H PULSE  |
| HBLK       | : H SYNC TIMING PULSE   |
| HL2        | : SAMPLING PULSE FOR THE COLOR FRAMING DETECTOR                 |
| HLFH       | : FRONT HALF AND BACK HALF OF EACH LINE (L : FRONT HALF)        |
| IDW        | : CTDM CF-ID WINDOW   |
| LN12       | : L : 12 LINES PERIOD   |
| O/E        | : ODD/EVEN (H : EVEN, L : ODD)                                  |
| PED        | : PEDESTAL SAMPLING PULSE                                       |
| RC1        | : READ CLOCK FOR DELAYING IT FOR 35 ns                          |
| RCK        | : READ CLOCK  |
| RZ1        | : READ CLOCK FOR DELAYING IT FOR 100 ns                         |
| RZR        | : READ ZERO   |
| SMP        | : SAMPLING PULSE  |
| STUP       | : CAV Y SETUP PULSE   |
| SVRF       | : SERVO REFERENCE   |
| VISC       | : SYSTEM CONTROLLER OPERATION STATUS                            |
| WZR        | : WRITE ZERO  |
| X2         | : EXTERNAL CRYSTAL OSCILLATOR                                   |
| YBLK       | : Y BLANKING PULSE  |
| YCLP       | : SELECT Y CLAMP  |
| YRFS       | : Y REFERENCE SYNC GENERATION SIGNAL                            |





## CXD2310AR-T4 (SONY)

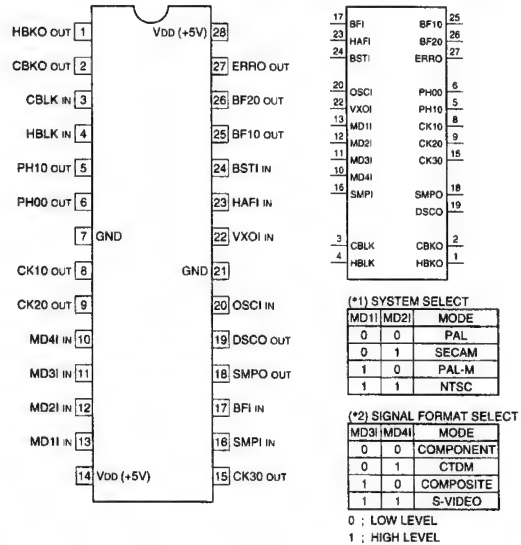
C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER  
—TOP VIEW—

**INPUT**

CAL : CALIBRATION PULSE INPUT  
CE : CHIP ENABLE  
CLK : CLOCK  
LINV : OUTPUT (D0-D8) INVERSION  
MINV : OUTPUT (D9) INVERSION  
OE : DIGITAL DATA OUTPUT ENABLE  
RESET : CALIBRATION CIRCUIT RESET  
SEL : OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK) HIGH: THROUGH OUTPUT. LOW: DATA FIXED AS WITH D0-D4  
TIN : TEST SIGNAL INPUT  
TMOD : TEST MODE  
TS : TEST SIGNAL INPUT  
TSTR : TEST SIGNAL INPUT  
VRB : REFERENCE BOTTOM VOLTAGE  
VRT : REFERENCE TOP VOLTAGE

**OUTPUT**

AT : TEST SIGNAL OUTPUT  
D0-D9 : DIGITAL DATA OUTPUT  
TO : TEST PIN

CXD8243AM (SONY) FLAT PACKAGE  
CXD8243AM-ERC-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR  
—TOP VIEW—

(\*) SYSTEM SELECT

| MD11/MD21 | MODE  |
|-----------|-------|
| 0 0       | PAL   |
| 0 1       | SECAM |
| 1 0       | PAL-M |
| 1 1       | NTSC  |

(\*) SIGNAL FORMAT SELECT

| MD31/MD41 | MODE      |
|-----------|-----------|
| 0 0       | COMPONENT |
| 0 1       | CTDM      |
| 1 0       | COMPOSITE |
| 1 1       | S-VIDEO   |

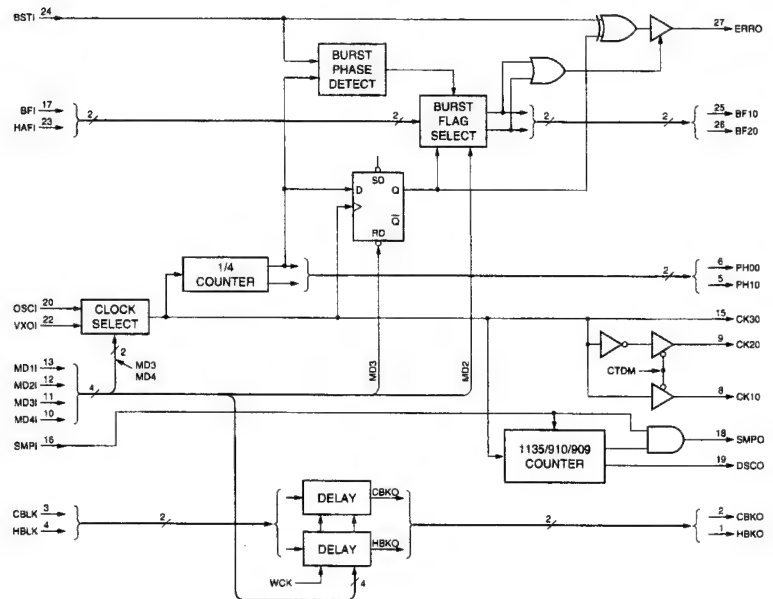
0 : LOW LEVEL  
1 : HIGH LEVEL

**INPUT**

BFI : BURST FLAG  
BSTI : BURST FOR PHASE COMPARISON  
CBLK : CHROMA BLANKING PULSE  
HAFI : TRIGGER PULSE FOR BURST SAMPLING  
HBLK : H BLANKING PULSE  
MD11, MD21 : SYSTEM SELECT (\*)  
MD31, MD41 : SIGNAL FORMAT SELECT (\*)  
OSCI : H LOCK LOOP VCO  
SMPI : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP  
VVOI : BURST LOCK LOOP VCXO

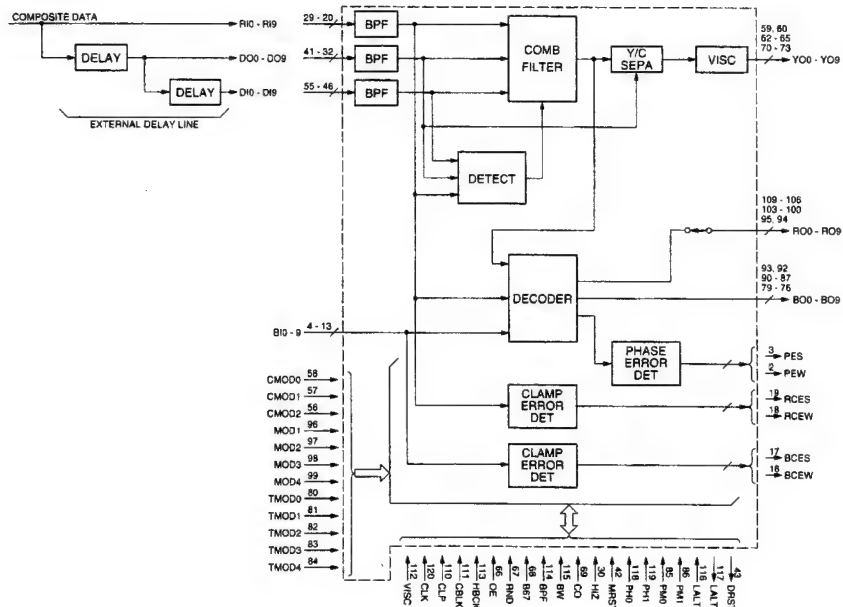
**OUTPUT**

BF10, BF20 : BURST FLAG  
CBKO : CHROMA BLANKING PULSE  
CK10 - CK30 : CLOCK, SELECTED BY MODE  
DSCO : TRAPEZOID GENERATOR DISCHARGE PULSE  
ERRO : BURST PHASE COMPARISON ERROR  
HBKO : H BLANKING PULSE  
PH00 : 2fsc  
PH10 : fsc  
SMPO : TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP



## C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER

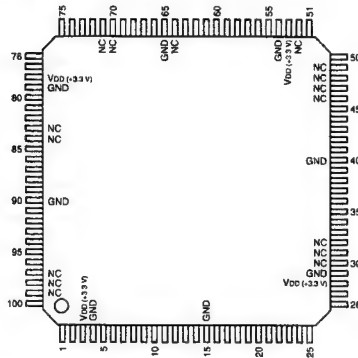
C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER  
—TOP VIEW—



## CXD8969AR (SONY)

## C-MOS SDDI INTERFACE (GATE ARRAY)

- TOP VIEW -



(VDD = +3.3 V)

| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I   | REFH   | 21      | I   | CADRS4 | 41      | O   | DOUT5  | 61      | I   | APDEP2 | 81      | I   | SOPMD  | 101     | I   | REFH   |
| 2       | I   | RST    | 22      | I   | CADRS5 | 42      | O   | DOUT6  | 62      | O   | ADEN2  | 82      | I   | CIFMD  | 102     | I   | REFH   |
| 3       | —   | VDD    | 23      | I   | CADRS6 | 43      | O   | DOUT7  | 63      | O   | AIN2   | 83      | —   | NC     | 103     | I   | REFH   |
| 4       | —   | GND    | 24      | I   | CADRS7 | 44      | O   | DOUT8  | 64      | —   | NC     | 84      | —   | NC     | 104     | I   | REFH   |
| 5       | I/O | SYSIO0 | 25      | O   | SYSF   | 45      | O   | DOUT9  | 65      | —   | GND    | 85      | I   | DIN0   | 105     | I   | REFH   |
| 6       | I/O | SYSIO1 | 26      | O   | SYSH   | 46      | —   | NC     | 66      | O   | SUOP1  | 86      | I   | DIN1   | 106     | I   | REFH   |
| 7       | I/O | SYSIO2 | 27      | O   | SYSV   | 47      | —   | NC     | 67      | O   | SUOP0  | 87      | I   | DIN2   | 107     | I   | REFH   |
| 8       | I/O | SYSIO3 | 28      | —   | VDD    | 48      | —   | NC     | 68      | I   | SUIP1  | 88      | I   | DIN3   | 108     | I   | REFH   |
| 9       | I/O | SYSIO4 | 29      | —   | GND    | 49      | —   | NC     | 69      | I   | SUIP0  | 89      | I   | DIN4   | 109     | I   | REFH   |
| 10      | I/O | SYSIO5 | 30      | —   | NC     | 50      | O   | PCERD  | 70      | —   | NC     | 90      | —   | GND    | 110     | I   | REFH   |
| 11      | I/O | SYSIO6 | 31      | —   | NC     | 51      | O   | SWDET  | 71      | —   | NC     | 91      | I   | DIN5   | 111     | I   | REFH   |
| 12      | I/O | SYSIO7 | 32      | —   | NC     | 52      | —   | NC     | 72      | O   | TP4    | 92      | I   | DIN6   | 112     | I   | REFH   |
| 13      | I   | STAT1  | 33      | I   | OENBL  | 53      | —   | VDD    | 73      | O   | TP3    | 93      | I   | DIN7   | 113     | I   | REFH   |
| 14      | I   | CCS    | 34      | O   | PRTYO  | 54      | —   | GND    | 74      | O   | TP2    | 94      | I   | DIN8   | 114     | I   | REFH   |
| 15      | —   | GND    | 35      | O   | DOUT0  | 55      | I   | APDEP0 | 75      | O   | TP1    | 95      | I   | DIN9   | 115     | I   | REFH   |
| 16      | I   | STAT0  | 36      | O   | DOUT1  | 56      | O   | ADEN0  | 76      | O   | TP0    | 96      | I   | PRTYI  | 116     | I   | REFH   |
| 17      | I   | STRB   | 37      | O   | DOUT2  | 57      | O   | AIN20  | 77      | I   | TEST   | 97      | —   | NC     | 117     | I   | REFH   |
| 18      | I   | CADRS1 | 38      | O   | DOUT3  | 58      | I   | APDEP1 | 78      | —   | VDD    | 98      | —   | NC     | 118     | I   | REFH   |
| 19      | I   | CADRS2 | 39      | O   | DOUT4  | 59      | O   | ADEN1  | 79      | —   | GND    | 99      | —   | NC     | 119     | I   | REFH   |
| 20      | I   | CADRS3 | 40      | —   | GND    | 60      | O   | AIN21  | 80      | I   | CK     | 100     | I   | REFH   | 120     | I   | REFH   |

## INPUT

APDEP0 - APDEP2 : CH-0, 1, 2 DATA END  
 CADRS1 - CADRS7 : ADDRESS  
 CCS : CHIP SELECT  
 CIFMD : CPU I/F MODE SETTING  
 CK : SYSTEM CLOCK  
 DIN0 - DIN9 : PARALLEL DATA  
 OENBL : DIN0 - DIN9 OUTPUT ENABLE  
 PRTYI : DIN0 - DIN9 PARITY  
 REFF : REFERENCE FRAME  
 REFH : REFERENCE H  
 RST : SYSTEM RESET  
 SOPMD : TX/RX MODE SETTING  
 STAT0, STAT1 : BUS STATUS 0, 1  
 STRB : STROBE  
 SUIP0, SUIP1 : INPUT PORT 0, 1  
 TEST : TEST FOR IC (GND CONNECT)

## OUTPUT

ADEN0 - ADEN2 : CH-0, 1, 2 DATA ENABLE  
 AINT0 - AINT2 : CH-0, 1, 2 INTERRUPT  
 DOUT0 - DOUT9 : PARALLEL DATA  
 PCERD : PAYLOAD CRCC ERROR DETECT  
 PRTYO : DOUT0 - DOUT9 PARITY  
 SUOP0, SUOP1 : OUTPUT PORT 0, 1  
 SWDET : SWITCHING DETECT  
 SYSF : REFERENCE FRAME  
 SYSH : REFERENCE H  
 SYSV : V BLANKING  
 TP0 - TP4 : TEST POINT 0 - 4

## INPUT/OUTPUT

SYSIO0 - SYSIO7 : DATA BUS

| PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL | PIN NO. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | —   | GND    | 31      | —   | GND    | 61      | —   | GND    | 91      | —   | GND    |
| 2       | O   | PEW    | 32      | I   | DO9    | 62      | O   | YO2    | 92      | O   | BO1    |
| 3       | O   | PES    | 33      | I   | DO8    | 63      | O   | YO3    | 93      | O   | BO0    |
| 4       | I   | BI9    | 34      | I   | DO7    | 64      | O   | YO4    | 94      | O   | RO9    |
| 5       | I   | BI8    | 35      | I   | DO6    | 65      | O   | YO5    | 95      | O   | RO8    |
| 6       | I   | BI7    | 36      | I   | DO5    | 66      | I   | OE     | 96      | I   | HOD1   |
| 7       | I   | BI6    | 37      | I   | DO4    | 67      | I   | RND    | 97      | I   | HOD2   |
| 8       | I   | BI5    | 38      | I   | DO3    | 68      | I   | B67    | 98      | I   | HOD3   |
| 9       | I   | BI4    | 39      | I   | DO2    | 69      | I   | CO     | 99      | I   | HOD4   |
| 10      | I   | BI3    | 40      | I   | DO1    | 70      | O   | YO6    | 100     | O   | RO7    |
| 11      | I   | BI2    | 41      | I   | DO0    | 71      | O   | YO7    | 101     | O   | RO6    |
| 12      | I   | BI1    | 42      | I   | MRST   | 72      | O   | YO8    | 102     | O   | RO5    |
| 13      | I   | BI0    | 43      | O   | DRST   | 73      | O   | YO9    | 103     | O   | RO4    |
| 14      | —   | VDD    | 44      | —   | VDD    | 74      | —   | VDD    | 104     | —   | VDD    |
| 15      | —   | GND    | 45      | —   | GND    | 75      | —   | GND    | 105     | —   | GND    |
| 16      | O   | BCEW   | 46      | I   | DI9    | 76      | O   | BO9    | 106     | O   | RO3    |
| 17      | O   | BCE5   | 47      | I   | DI8    | 77      | O   | BO8    | 107     | O   | RO2    |
| 18      | O   | RCEW   | 48      | I   | DI7    | 78      | O   | BO7    | 108     | O   | RO1    |
| 19      | O   | RCE5   | 49      | I   | DI6    | 79      | O   | BO6    | 109     | O   | RO0    |
| 20      | I   | RI9    | 50      | I   | DI5    | 80      | I   | TMOD0  | 110     | I   | CLP    |
| 21      | I   | RI8    | 51      | I   | DI4    | 81      | I   | TMOD1  | 111     | I   | CLK    |
| 22      | I   | RI7    | 52      | I   | DI3    | 82      | I   | TMOD2  | 112     | I   | YISC   |
| 23      | I   | RI6    | 53      | I   | DI2    | 83      | I   | TMOD3  | 113     | I   | HBLK   |
| 24      | I   | RI5    | 54      | I   | DI1    | 84      | I   | TMOD4  | 114     | I   | BPF    |
| 25      | I   | RI4    | 55      | I   | DI0    | 85      | I   | PM0    | 115     | I   | BW     |
| 26      | I   | RI3    | 56      | I   | CMOD2  | 86      | I   | PM1    | 116     | I   | LALTI  |
| 27      | I   | RI2    | 57      | I   | CMOD1  | 87      | O   | BO5    | 117     | O   | LALTO  |
| 28      | I   | RI1    | 58      | I   | CMOD0  | 88      | O   | BO4    | 118     | I   | PH1    |
| 29      | I   | RI0    | 59      | O   | Y00    | 89      | O   | BO3    | 119     | I   | PH0    |
| 30      | I   | HIZ    | 60      | O   | Y01    | 90      | O   | BO2    | 120     | I   | CLK    |

## INPUT

B67 : CORRELATION DETECT SENSITIVITY SELECT  
 (H : 6 BITS/L : 7 BITS)  
 BI0 - BI9 : B-Y DATA (COMPONENT MODE)  
 BPF : L : BAND PASS FILTER SELECT  
 BW : COMPOSITE SIGNAL THROUGH OUT CONTROL  
 CBLK : CHROMA BLANKING PULSE  
 CLK : CLOCK  
 CLP : CLAMP PULSE  
 \*1) CMOD0 - CMOD2 : Y/C CORRECTION MODE SELECT  
 CO : CHROMA DECODE CONTROL  
 DI0 - DI9 : 2H DELAY DATA (COMPOSITE MODE) FOR NTSC  
 4H DELAY DATA (COMPOSITE MODE) FOR PALPAL-M  
 DO0 - DO9 : 1H DELAY DATA (COMPOSITE MODE) FOR NTSC  
 2H DELAY DATA (COMPOSITE MODE) FOR PALPAL-M  
 HBLK : H BLANKING PULSE  
 HIZ : PULSE CONTROL  
 LALTI : LINE ALTERNATE  
 \*2) MODE1 - MODE4 : MODE SELECT  
 MRST : RESET  
 OE : OUTPUT ENABLE  
 PH0, PH1 : REFERENCE PHASE FOR CHROMA DECODE AND  
 VLSC GENERATION  
 PM0, PM1 : PHASE SHIFT CONTROL  
 RI0 - RI9 : COMPOSITE DATA (COMPOSITE MODE)  
 R-Y DATA (COMPONENT MODE)  
 CHROMA DATA (CHROMA MODE)  
 RND : OUTPUT ROUND OFF SELECT  
 TMOD0 - TMOD4 : TEST MODE/BPF STAGE SELECT  
 VISC : VERTICAL INTERVAL SUB-CARRIER CONTROL

## OUTPUT

BCE5 : B-Y CLAMP ERROR SENSE  
 BCEW : B-Y CLAMP ERROR WIDTH  
 BO0 - BO9 : B-Y DATA (BO9 : MSB)  
 DRST : EXTERNAL DELAY LINE RESET  
 LALTO : LINE ALTERNATE  
 PES : PHASE ERROR SENSE  
 PEW : PHASE ERROR WIDTH  
 RCE5 : R-Y CLAMP ERROR SENSE  
 RCEW : R-Y CLAMP ERROR WIDTH  
 RO0 - RO9 : R-Y DATA (RO9 : MSB)  
 Y00 - Y09 : Y DATA (Y09 : MSB)

\*1)

| CMOD2 | CMOD1 | CMOD0 | MODE                     |
|-------|-------|-------|--------------------------|
| 0     | 0     | 0     | 0-1 FIX                  |
| 0     | 0     | 1     | 1-2 FIX                  |
| 0     | 1     | 0     | 0-1-2 FIX                |
| 0     | 1     | 1     | BPF FIX                  |
| 1     | 0     | 0     | 0-1/1-2/0-1 ADAPTIVE     |
| 1     | 0     | 1     | 0-1/1-2/1-2 ADAPTIVE     |
| 1     | 1     | 0     | 0-1/1-2/0-1-2 ADAPTIVE   |
| 1     | 1     | 1     | 0-1/1-2/0-1 BPF ADAPTIVE |

0 : LOW LEVEL  
 1 : HIGH LEVEL  
 0-1 : UPPER 2 LINE COMB FILTER  
 1-2 : LOWER 2 LINE COMB FILTER  
 0-1-2 : UPPER/LOWER 3 LINE COMB FILTER

\*2)

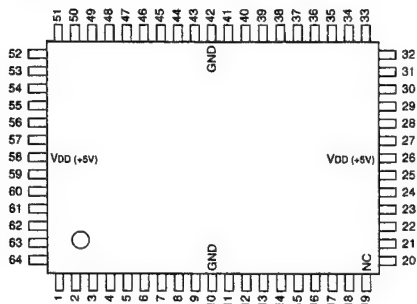
| MODE2 | MODE1 | MODE      |
|-------|-------|-----------|
| 0     | 0     | PAL       |
| 0     | 1     | PAL-M     |
| 1     | 0     | SECAM     |
| 1     | 1     | NTSC      |
| MODE4 | MODE3 | MODE      |
| 0     | 0     | COMPONENT |
| 0     | 1     | COMPOSITE |
| 1     | 0     | CTDM      |
| 1     | 1     | CHROMA    |

0 : LOW LEVEL  
 1 : HIGH LEVEL

## CXD8277Q (SONY)

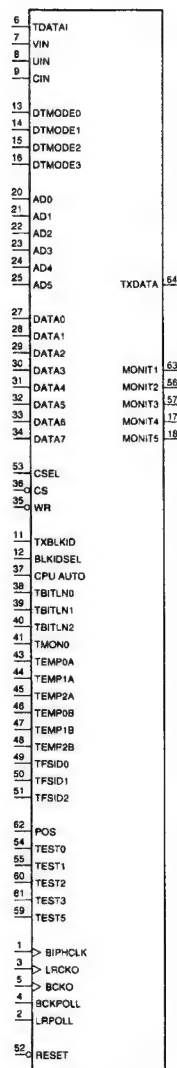
## C-MOS DIGITAL AUDIO (AES/EBU) ENCODER

—TOP VIEW—



(VDD = +5V)

| PIN No. | I/O | SIGNAL   | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL   | PIN No. | I/O | SIGNAL |
|---------|-----|----------|---------|-----|--------|---------|-----|----------|---------|-----|--------|
| 1       | I   | BIPHCLK  | 17      | O   | MONIT4 | 33      | I   | DATA6    | 49      | I   | TFSID0 |
| 2       | I   | LRPOLL   | 18      | O   | MONIT5 | 34      | I   | DATA7    | 50      | I   | TFSID1 |
| 3       | I   | LRCKO    | 19      | —   | NC     | 35      | I   | WR       | 51      | I   | TFSID2 |
| 4       | I   | BCKPOLL  | 20      | I   | AD0    | 36      | I   | CS       | 52      | I   | RESET  |
| 5       | I   | BCKO     | 21      | I   | AD1    | 37      | I   | CPU AUTO | 53      | I   | CSEL   |
| 6       | I   | TDATAI   | 22      | I   | AD2    | 38      | I   | TBITLN0  | 54      | I   | TEST0  |
| 7       | I   | VIN      | 23      | I   | AD3    | 39      | I   | TBITLN1  | 55      | I   | TEST1  |
| 8       | I   | UIN      | 24      | I   | AD4    | 40      | I   | TBITLN2  | 56      | O   | MONIT2 |
| 9       | I   | CIN      | 25      | I   | AD5    | 41      | I   | TMONO    | 57      | O   | MONIT3 |
| 10      | —   | GND      | 26      | —   | VDD    | 42      | —   | GND      | 58      | —   | VDD    |
| 11      | I   | TxBLKID  | 27      | I   | DATA0  | 43      | I   | TEMP0A   | 59      | I   | TEST5  |
| 12      | I   | BLKIDSEL | 28      | I   | DATA1  | 44      | I   | TEMP1A   | 60      | I   | TEST2  |
| 13      | I   | DTMODE0  | 29      | I   | DATA2  | 45      | I   | TEMP2A   | 61      | I   | TEST3  |
| 14      | I   | DTMODE1  | 30      | I   | DATA3  | 46      | I   | TEMP0B   | 62      | I   | POS    |
| 15      | I   | DTMODE2  | 31      | I   | DATA4  | 47      | I   | TEMP1B   | 63      | O   | MONIT1 |
| 16      | I   | DTMODE3  | 32      | I   | DATA5  | 48      | I   | TEMP2B   | 64      | O   | TxDATA |



**INPUT**

AD0-AD5 : ADDRESS BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER

BCKO : BIT CLOCK (64Fs, 32Fs) FOR TDATAI

BCKPOLL : POLARITY SWITCHING OF BCKO (PIN No.5)

BIPHCLK : 128Fs FOR DO OUTPUT

BLKIDSEL : BLOCK ID EXTERNAL/INTERNAL SELECTION ("H" : INTERNAL MODE)

CIN : SERIAL INPUT OF EACH SUB FRAME CHANNEL STATUS

CPU AUTO : SWITCHING SIGNAL OF CPU AND AUTO MODE ("H" : AUTO MODE)

CS : CHIP SELECT SIGNAL FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER ("L" : SELECT, "H" : UNSELECT)

CSEL : SELECTS THE USE OF CIN (EXTERNAL INPUT) OR INTERNAL REGISTER FOR CHANNEL STATUS DATA ("H" : INTERNAL REGISTER)

DATA0-DATA7 : DATA BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS REGISTER

DTMODE0-3 : DECISION OF DIGITAL AUDIO SIGNAL INPUT FORMAT

LRCKO : L/R CLOCK FOR DIGITAL AUDIO SIGNAL OUTPUT

LRPOLL : POLARITY SWITCHING OF LRCKO (PIN No.3)

POS : FORCIBLY SETS PREAMBLE TO BE POSITIVE POLARITY ("H" : ACTIVE)

RESET : SETS TxDATA OUTPUT (AUDIO DATA, AND VALIDITY BIT, USER DATA AND CHANNEL STATUS DATA) TO BE "0". ("L" : ACTIVE)

TBITLN0-2 : SUBFRAME A/B CHANNEL STATUS SETTING (DATA BIT LENGTH)

TDATAI : DIGITAL AUDIO SIGNAL INPUT

TEMP0A-2A : SUBFRAME A EMP INFORMATION

TEMP0B-2B : SUBFRAME B EMP INFORMATION

TEST0 : TEST RESET (CONNECTION TO GND)

TEST1 : TEST RESET (CONNECTION TO GND)

TEST2 : TEST

TEST3 : TEST

TEST5 : CONTROL SIGNAL OF MONIT1 TO 5

TFSID0-2 : SUBFRAME A/B F<sub>s</sub> INFORMATION

TMONO : SUBFRAME A/B CHANNEL STATUS SETTING (MONOPHONIC/TWO CHANNEL MODE)

TxBLKID : EXTERNAL BLOCK ID SIGNAL

UIN : SERIAL INPUT OF EACH SUB FRAME USER DATA

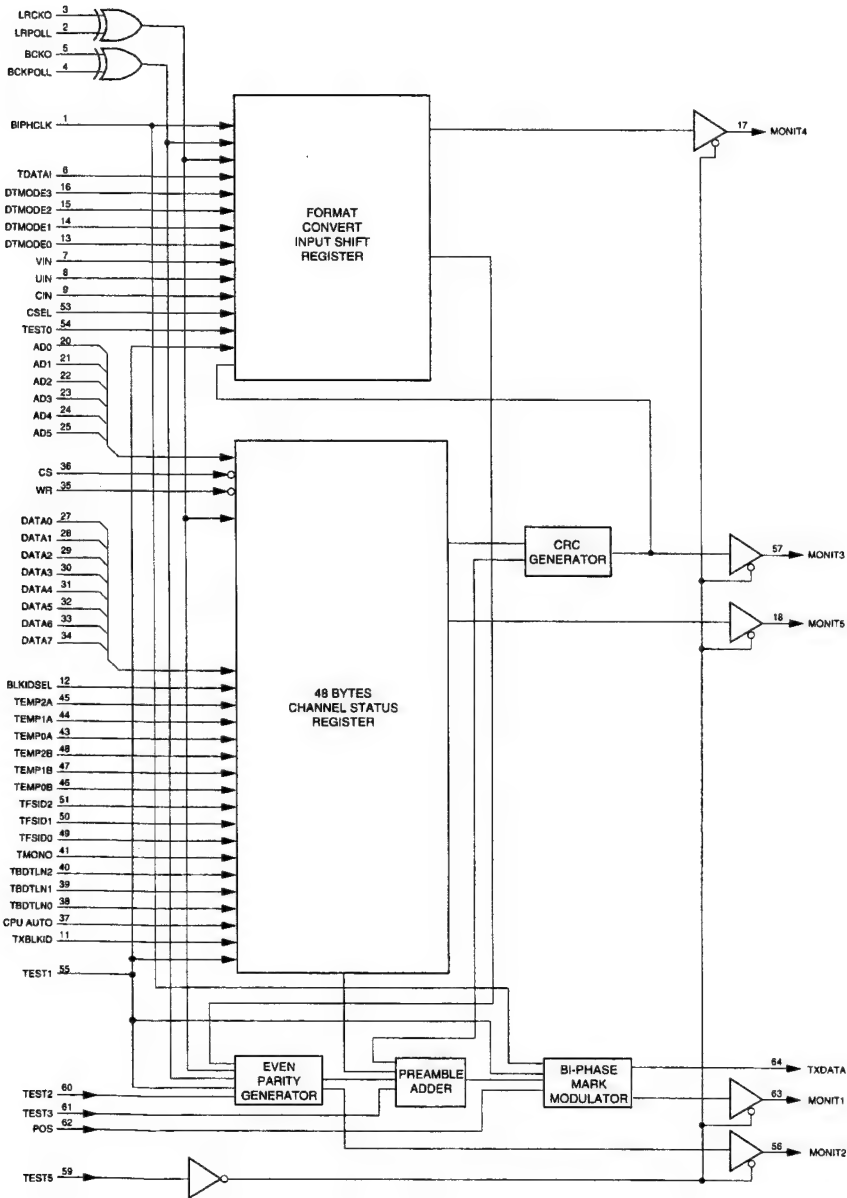
VIN : SERIAL INPUT OF EACH SUB FRAME VALIDITY BIT

WR : CHANNEL STATUS DATA WRITING FROM EXTERNAL CPU TO CHANNELSTATUS REGISTER

**OUTPUT**

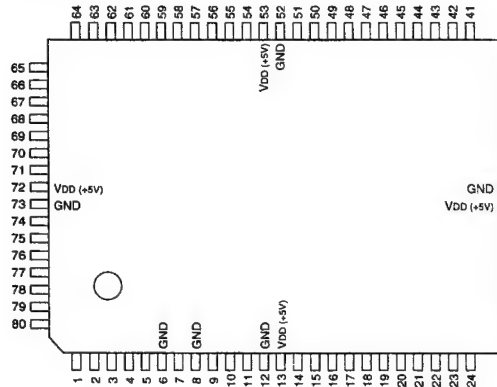
MONIT1-5 : MONITOR

TxDATA : AES/EBU FORMAT DIGITAL AUDIO OUTPUT





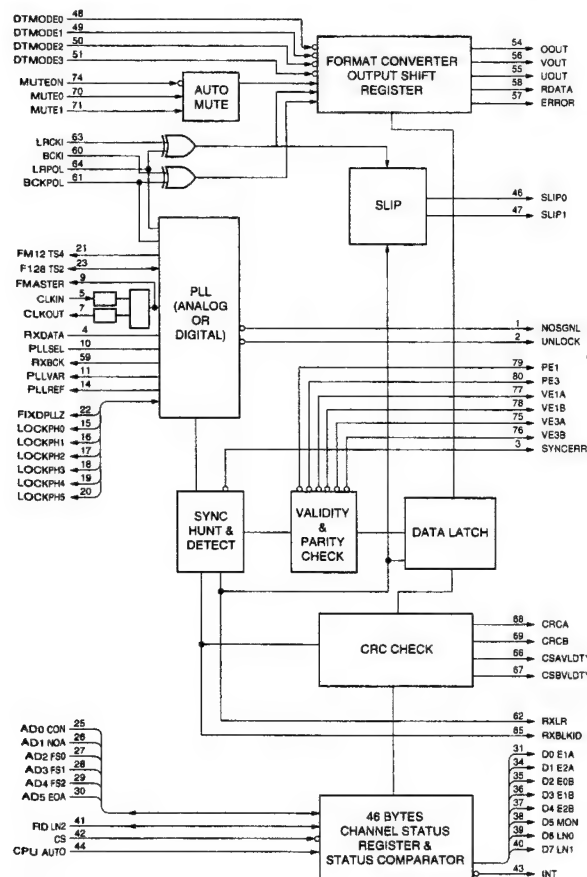
## CXD8278AQ (SONY)

C-MOS DIGITAL AUDIO SIGNAL (AES/EBU) DECODER  
—TOP VIEW—

| PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL   | PIN NO. | I/O | SIGNAL   |
|---------|-----|----------|---------|-----|----------|---------|-----|----------|---------|-----|----------|
| 1       | O   | NOSGNL   | 21      | I/O | FM12 TS4 | 41      | I/O | RD LN2   | 61      | I   | BCKPOL   |
| 2       | O   | UNLOCK   | 22      | I/O | FIXDPLLZ | 42      | I   | CS       | 62      | O   | RXLRL    |
| 3       | O   | SYNCCERR | 23      | I/O | F128 TS2 | 43      | O   | INT      | 63      | I   | LRCKI    |
| 4       | I   | RXDATA   | 24      | I   | TST3     | 44      | I   | CPU AUTO | 64      | I   | LRPOL    |
| 5       | I   | CLKIN    | 25      | I/O | AD0 CON  | 45      | I   | TST1     | 65      | O   | RXBLKID  |
| 6       | —   | GND      | 26      | I/O | AD1 NOA  | 46      | O   | SLIP0    | 66      | O   | CSAVLDY  |
| 7       | O   | CLKOUT   | 27      | I/O | AD2 FS0  | 47      | O   | SLIP1    | 67      | O   | CSBVLDTY |
| 8       | —   | GND      | 28      | I/O | AD3 FS1  | 48      | I   | DTMODE0  | 68      | O   | CRCA     |
| 9       | O   | FMASTER  | 29      | I/O | AD4 FS2  | 49      | I   | DTMODE1  | 69      | O   | CRCB     |
| 10      | I   | PLLSEL   | 30      | I/O | AD5 E0A  | 50      | I   | DTMODE2  | 70      | I   | MUTE0    |
| 11      | O   | PLLVAR   | 31      | O   | D0 E1A   | 51      | I   | DTMODE3  | 71      | I   | MUTE1    |
| 12      | —   | GND      | 32      | —   | VDD      | 52      | —   | GND      | 72      | —   | VDD      |
| 13      | —   | VDD      | 33      | —   | GND      | 53      | —   | VDD      | 73      | —   | GND      |
| 14      | O   | PLLREF   | 34      | O   | D1 E2A   | 54      | O   | COUT     | 74      | I   | MUTEON   |
| 15      | I/O | LOCKPH0  | 35      | O   | D2 E0B   | 55      | O   | UOUT     | 75      | O   | VE3A     |
| 16      | I/O | LOCKPH1  | 36      | O   | D3 E1B   | 56      | O   | VOUT     | 76      | O   | VE3B     |
| 17      | I/O | LOCKPH2  | 37      | O   | D4 E2B   | 57      | O   | ERROR    | 77      | O   | VE1A     |
| 18      | I/O | LOCKPH3  | 38      | O   | D5 MON   | 58      | O   | RDATA    | 78      | O   | VE1B     |
| 19      | I/O | LOCKPH4  | 39      | O   | D6 LNO   | 59      | O   | RXBACK   | 79      | O   | PE1      |
| 20      | I/O | LOCKPH5  | 40      | O   | D7 LN1   | 60      | I   | BCKI     | 80      | O   | PE3      |

|    |          |          |    |           |
|----|----------|----------|----|-----------|
| 48 | DTMODE0  | CONT     | 54 | INPUT     |
| 49 | DTMODE1  | VOUT     | 55 | BCKI      |
| 50 | DTMODE2  | UOUT     | 56 | BCKPOL    |
| 51 | DTMODE3  | RDATA    | 57 | CLKIN     |
|    |          | ERROR    | 58 | CPU AUTO  |
| 74 | MUTEON   |          |    |           |
| 70 | MUTE0    | SLIP0    | 46 | CS        |
| 71 | MUTE1    | SLIP1    | 47 | DTMODE0-3 |
| 63 | LRCKI    | NOSGNL   | 1  | LRPOL     |
| 60 | BCKI     | UNLOCK   | 2  | MUTE0_1   |
| 64 | LRPOL    |          |    | MUTEON    |
| 61 | BCKPOL   | PE1      | 79 | PLLSEL    |
|    |          | PE3      | 80 | RXDATA    |
| 21 | FM12 TS4 | VE1A     | 77 | TST1      |
| 23 | F128 TS2 | VE1B     | 78 | TST3      |
| 9  | FMASTER  | VE3A     | 76 |           |
| 7  | CLKIN    | VE3B     | 75 |           |
| 7  | CLKOUT   | SYNCCERR | 3  |           |
| 4  | RXDATA   | CRCA     | 88 |           |
| 15 | PLLSEL   | CRCB     | 89 |           |
| 59 | RXBACK   | CSAVLDY  | 86 |           |
| 11 | PLLVAR   | CSBVLDTY | 87 |           |
| 14 | PLLREF   |          |    |           |
|    |          | RXLRL    | 62 |           |
| 22 | FIXDPLLZ | RXBLKID  | 65 |           |
| 15 | LOCKPH0  |          |    |           |
| 16 | LOCKPH1  | D0 E1A   | 31 |           |
| 17 | LOCKPH2  | D1 E2A   | 34 |           |
| 18 | LOCKPH3  | D2 E0B   | 35 |           |
| 19 | LOCKPH4  | D3 E1B   | 36 |           |
| 20 | LOCKPH5  | D4 E2B   | 37 |           |
|    |          | D5 MON   | 38 |           |
| 25 | AD0 CON  | D6 LNO   | 39 |           |
| 26 | AD1 NOA  | D7 LN1   | 40 |           |
| 27 | AD2 FS0  |          |    |           |
| 28 | AD3 FS1  | INT      | 43 |           |
| 29 | AD4 FS2  |          |    |           |
| 30 | AD5 E0A  |          |    |           |
| 41 | RD LN2   |          |    |           |
| 42 | CS       |          |    |           |
| 44 | CPU AUTO |          |    |           |

|   |  |
|---|--|
| REFERENCE BIT CLOCK (64/32Fs)   |  |
| POLARITY SWITCHING SIGNAL OF BCKI (PIN NO.60) AND RXBCK (PIN NO.59)                   |  |
| MASTER CLOCK OSCILLATOR INPUT AT DIGITAL PLL  |  |
| SELECTS CPU INTERFACE OR AUTO INTERFACE.  |  |
| ("H" : AUTO INTERFACE, "L" : CPU INTERFACE)   |  |
| CHIP SELECT SIGNAL (INPUT FOR CHANNEL STATUS REGISTER) ("L" : SELECT)                 |  |
| OUTPUT FORMAT SPECIFYING CODE OF RDATA SIGNAL (PIN NO.58)                             |  |
| REFERENCE 1/R CLOCK INPUT (Fs PERIOD)   |  |
| POLARITY SWITCHING SIGNAL OF LRCKI (PIN NO.63) AND RXLR (PIN NO.62)                   |  |
| RDATA (PIN NO.58) MUTE PERIOD SETTING CODE  |  |
| "L" : AUDIO OUTPUT BE FORCIBLY MUTE ON FOR A CERTAIN PERIOD                           |  |
| "L" : ANALOG PLL, "H" : DIGITAL PLL   |  |
| AES/EBU INPUT   |  |
| TEST INPUT (NORMALLY FIXED TO "L")  |  |
| TEST PIN (FIXED TO "L")   |  |
| MASTER CLOCK OSCILLATOR OUTPUT AT DIGITAL PLL   |  |
| 0 BIT STATUS SIGNAL EXTRACTED FROM AES/EBU INPUT SIGNAL                               |  |
| OUTPUTS THE RESULT OF CHANNEL STATUS CRC CHECK OF SUBFRAME A AND B AT ERROR OCCURRING |  |
| CSAVLDY, CSBVLDTY   |  |
| SUBFRAME A AND B CHANNEL STATUS   |  |
| SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")  |  |
| SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")  |  |
| ERROR INFORMATION OUTPUT (PARITY, SLIP ERROR, etc.) IN SERIAL                         |  |
| MASTER CLOCK OUTPUT   |  |
| INTERRUPTION SIGNAL OUTPUT  |  |
| NO SIGNAL DETECTION   |  |
| PARITY ERROR DETECTION OUTPUT (1 SUBFRAM)   |  |
| PARITY ERROR DETECTION OUTPUT (3 SUBFRAMS CONTINUOUSLY)                               |  |
| RDATA SYNC DETECTION  |  |
| ANALOG PLL MASTER CLOCK 1/256 (2Fs) SIGNAL  |  |
| AES/EBU INPUT SIGNAL DEMODULATED SIGNAL OUTPUT  |  |
| BIT CLOCK OUTPUT GENERATED FROM AES/EBU INPUT SIGNAL                                  |  |
| BLOCK ID SIGNAL   |  |
| REFERENCE 1/R CLOCK OUTPUT (Fs PERIOD)  |  |
| DATA SLIP DETECTION   |  |
| SYNC ERROR DETECTION OUTPUT   |  |
| DIGITAL PLL UNLOCK DETECTION OUTPUT   |  |
| U BIT (USER DATA BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL                      |  |
| VE1A : VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM A)                                |  |
| VE1B : VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM B)                                |  |
| VE3A : VALIDITY ERROR DETECTION OUTPUT (3FRAMS CONTINUOUSLY FOR SUBFRAM A)            |  |
| VE3B : VALIDITY ERROR DETECTION OUTPUT (3FRAMS CONTINUOUSLY FOR SUBFRAM B)            |  |
| V BIT (VALIDITY BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL                       |  |



|           |  |
|-----------|--|
| AD0 CON   | : CHANNEL STATUS (CPU AUTO : "H")                    |
| AD1 NOA   | : CHANNEL STATUS (CPU AUTO : "H")                    |
| AD2 FS0   | : CHANNEL STATUS (CPU AUTO : "H")                    |
| AD3 FS1   | : CHANNEL STATUS (CPU AUTO : "H")                    |
| AD4 FS2   | : CHANNEL STATUS (CPU AUTO : "H")                    |
| AD5 E0A   | : SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")         |
| F128 TS2  | : OUTPUTS 128Fs OF DIGITAL PLL                       |
| FIXDPLL   | : PLLSEL : "H",                                      |
|           | : DIGITAL PLL OPERATION MODE SELECTION SIGNAL        |
|           | ("N" : NARROW MODE, "H" : WIDE MODE)                 |
| FM12 TS4  | : 1/2 MCK OUTPUT                                     |
| LOCKPH0-5 | : PLLSEL : "H", FIXDPLL : "H"                        |
|           | : OPERATION PERIOD SETTING DATA INPUT AT NARROW MODE |
|           | (DIGITAL PLL MODE)                                   |
| RD LN2    | : SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")       |

—TOP VIEW—



INPUT (WITH PULL-UP REGISTER)

## OUTPUT

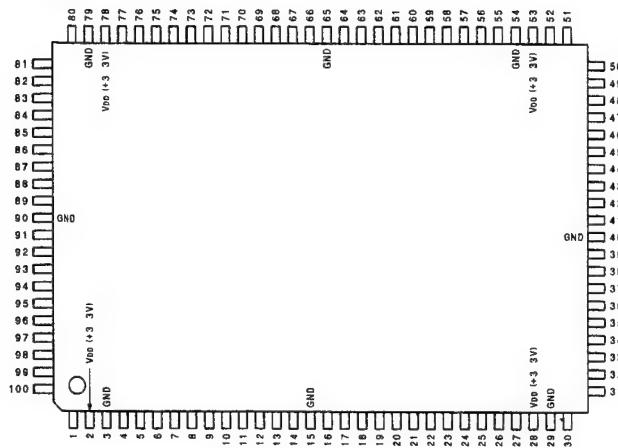
**OUTPUT (TRI-STATE)**

AUX0-AUX9 : AUX. DATA 0-9

| OUTPUT (TRI-STATE) |   |               |
|--------------------|---|---------------|
| AUX0-AUX9          |   | AUX. DATA 0-9 |
| 69                 | C | CHS4          |
| 70                 | C | CHS3          |
| 71                 | C | CHS2          |
| 72                 | C | CHS1          |
| 73                 | C | CHEX1         |
| 74                 | C | CHEX0         |
| 75                 | D | DID1          |
| 76                 | D | DID0          |
| 112                | D | D2/D1         |
| 85                 | D | DLV4          |
| 86                 | D | DLV3          |
| 87                 | D | DLV2          |
| 88                 | D | DLV1          |
| 89                 | D | DLV0          |
| 104                | C | OE/AUX        |
| 69                 | C | IT5           |
| 70                 | C | IT4           |
| 71                 | C | IT3           |
| 72                 | C | IT2           |
| 73                 | C | IT1           |
| 74                 | C | Z3/4          |
| 75                 | C | Z1/2          |
| 76                 | C | C3/4          |
| 77                 | C | C1/2          |
| 78                 | C | U3/4          |
| 79                 | C | U1/2          |
| 80                 | C | V3/4          |
| 81                 | C | V1/2          |
| 82                 | C | ZCS           |
| 83                 | C | 201/6         |
| 84                 | C | D1/R          |
| 85                 | C | D1/R          |
| 86                 | C | D1/R          |
| 87                 | C | D1/R          |
| 88                 | C | D1/R          |
| 89                 | C | D1/R          |
| 90                 | C | D1/R          |
| 91                 | C | D1/R          |
| 92                 | C | D1/R          |
| 93                 | C | D1/R          |
| 94                 | C | D1/R          |
| 95                 | C | D1/R          |
| 96                 | C | D1/R          |
| 97                 | C | D1/R          |
| 98                 | C | D1/R          |
| 99                 | C | D1/R          |
| 100                | C | D1/R          |
| 101                | C | D1/R          |
| 102                | C | D1/R          |
| 103                | C | D1/R          |
| 104                | C | D1/R          |
| 105                | C | D1/R          |
| 106                | C | D1/R          |
| 107                | C | D1/R          |
| 108                | C | D1/R          |
| 109                | C | D1/R          |
| 110                | C | D1/R          |
| 111                | C | D1/R          |
| 112                | C | D1/R          |
| 113                | C | D1/R          |
| 114                | C | D1/R          |
| 115                | C | D1/R          |
| 116                | C | D1/R          |
| 117                | C | D1/R          |
| 118                | C | D1/R          |
| 119                | C | D1/R          |
| 120                | C | D1/R          |
| 121                | C | D1/R          |
| 122                | C | D1/R          |
| 123                | C | D1/R          |
| 124                | C | D1/R          |
| 125                | C | D1/R          |
| 126                | C | D1/R          |
| 127                | C | D1/R          |
| 128                | C | D1/R          |
| 129                | C | D1/R          |
| 130                | C | D1/R          |
| 131                | C | D1/R          |
| 132                | C | D1/R          |
| 133                | C | D1/R          |
| 134                | C | D1/R          |
| 135                | C | D1/R          |
| 136                | C | D1/R          |
| 137                | C | D1/R          |
| 138                | C | D1/R          |
| 139                | C | D1/R          |
| 140                | C | D1/R          |
| 141                | C | D1/R          |
| 142                | C | D1/R          |
| 143                | C | D1/R          |
| 144                | C | D1/R          |
| 145                | C | D1/R          |
| 146                | C | D1/R          |
| 147                | C | D1/R          |
| 148                | C | D1/R          |
| 149                | C | D1/R          |
| 150                | C | D1/R          |
| 151                | C | D1/R          |
| 152                | C | D1/R          |
| 153                | C | D1/R          |
| 154                | C | D1/R          |
| 155                | C | D1/R          |
| 156                | C | D1/R          |
| 157                | C | D1/R          |
| 158                | C | D1/R          |
| 159                | C | D1/R          |
| 160                | C | D1/R          |
| 161                | C | D1/R          |
| 162                | C | D1/R          |
| 163                | C | D1/R          |
| 164                | C | D1/R          |
| 165                | C | D1/R          |
| 166                | C | D1/R          |
| 167                | C | D1/R          |
| 168                | C | D1/R          |
| 169                | C | D1/R          |
| 170                | C | D1/R          |
| 171                | C | D1/R          |
| 172                | C | D1/R          |
| 173                | C | D1/R          |
| 174                | C | D1/R          |
| 175                | C | D1/R          |
| 176                | C | D1/R          |
| 177                | C | D1/R          |
| 178                | C | D1/R          |
| 179                | C | D1/R          |
| 180                | C | D1/R          |
| 181                | C | D1/R          |
| 182                | C | D1/R          |
| 183                | C | D1/R          |
| 184                | C | D1/R          |
| 185                | C | D1/R          |
| 186                | C | D1/R          |
| 187                | C | D1/R          |
| 188                | C | D1/R          |
| 189                | C | D1/R          |
| 190                | C | D1/R          |
| 191                | C | D1/R          |
| 192                | C | D1/R          |
| 193                | C | D1/R          |
| 194                | C | D1/R          |
| 195                | C | D1/R          |
| 196                | C | D1/R          |
| 197                | C | D1/R          |
| 198                | C | D1/R          |
| 199                | C | D1/R          |
| 200                | C | D1/R          |
| 201                | C | D1/R          |
| 202                | C | D1/R          |
| 203                | C | D1/R          |
| 204                | C | D1/R          |
| 205                | C | D1/R          |
| 206                | C | D1/R          |
| 207                | C | D1/R          |
| 208                | C | D1/R          |
| 209                | C | D1/R          |
| 210                | C | D1/R          |
| 211                | C | D1/R          |
| 212                | C | D1/R          |
| 213                | C | D1/R          |
| 214                | C | D1/R          |
| 215                | C | D             |

14-55

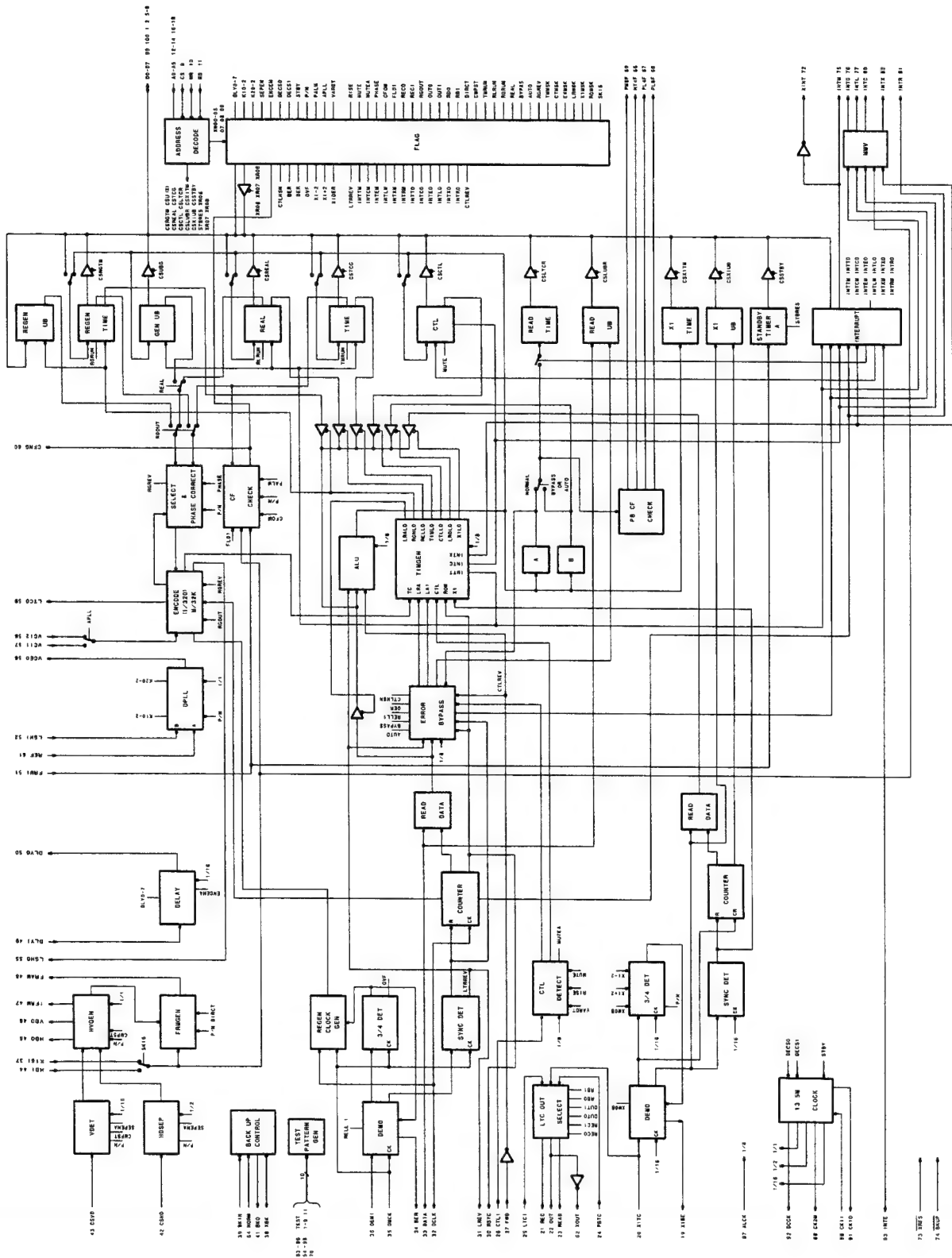
## CXD8384Q (SONY)

C-MOS LTC READER/GENERATOR  
-TOP VIEW-

(VDD = +3.3V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I/O | D2     | 26      | I   | CTL1   | 51      | I   | FRM1   | 76      | O   | INTG   |
| 2       | I/O | D3     | 27      | I   | FWD    | 52      | I   | LSH1   | 77      | O   | INTL   |
| 3       | -   | VDD    | 28      | -   | VDD    | 53      | -   | VDD    | 78      | -   | VDD    |
| 4       | -   | GND    | 29      | -   | GND    | 54      | -   | GND    | 79      | -   | GND    |
| 5       | I/O | D4     | 30      | O   | RSYC   | 55      | O   | LSH0   | 80      | O   | INTC   |
| 6       | I/O | D5     | 31      | O   | LREV   | 56      | O   | VCEO   | 81      | O   | INTR   |
| 7       | I/O | D6     | 32      | O   | DCLK   | 57      | I   | VC11   | 82      | O   | INTX   |
| 8       | I/O | D7     | 33      | O   | DATA   | 58      | I   | VC12   | 83      | I   | TEST1  |
| 9       | I   | CS     | 34      | O   | BER    | 59      | O   | LTC0   | 84      | I   | TEST2  |
| 10      | I   | WR     | 35      | I   | DMCK   | 60      | O   | CFNG   | 85      | I   | TEST3  |
| 11      | I   | RD     | 36      | I   | DEMI   | 61      | I   | REF    | 86      | I   | TEST4  |
| 12      | I   | A0     | 37      | I   | K161   | 62      | O   | XOUT   | 87      | I   | ALCK   |
| 13      | I   | A1     | 38      | O   | XBK    | 63      | O   | PORT   | 88      | O   | CK2W   |
| 14      | I   | A2     | 39      | I   | BKIN   | 64      | I   | NORM   | 89      | I   | CK11   |
| 15      | -   | GND    | 40      | -   | GND    | 65      | -   | GND    | 90      | -   | GND    |
| 16      | I   | A3     | 41      | O   | BK0    | 66      | O   | NT4F   | 91      | O   | CK10   |
| 17      | I   | A4     | 42      | I   | CSHD   | 67      | O   | PL4F   | 92      | O   | DCLK   |
| 18      | I   | A5     | 43      | I   | CSVD   | 68      | O   | PLBF   | 93      | I   | INTE   |
| 19      | O   | X1BE   | 44      | I   | HDI    | 69      | O   | PMBF   | 94      | I   | TEST5  |
| 20      | I   | X1TC   | 45      | O   | HDO    | 70      | I   | TEST11 | 95      | I   | TEST6  |
| 21      | O   | REC    | 46      | O   | VDD    | 71      | I/O | LRRV   | 96      | I   | TEST7  |
| 22      | O   | OUT    | 47      | O   | IFRM   | 72      | O   | XINT   | 97      | I   | TEST8  |
| 23      | O   | READ   | 48      | O   | FRAM   | 73      | I   | XRES   | 98      | I   | TEST9  |
| 24      | I   | PBTC   | 49      | I   | DLY1   | 74      | I   | BKUP   | 99      | I/O | 50     |
| 25      | I   | LTC1   | 50      | O   | DLY0   | 75      | O   | INTM   | 100     | I/O | 51     |

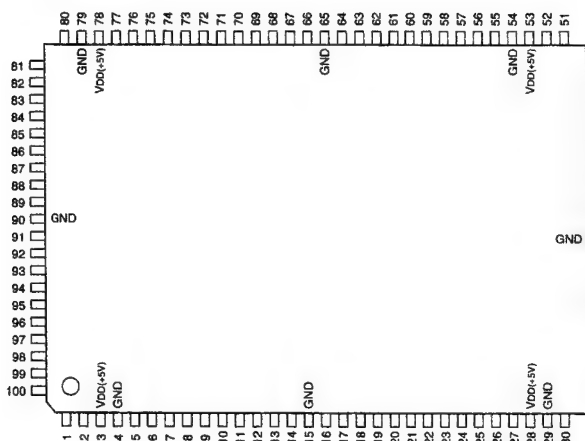
|    |        |      |     |                        |   |
|----|--------|------|-----|------------------------|---|
| 12 | AD     | NT4F | 86  | INPUT                  |   |
| 13 | A1     | PL4F | 87  | A0-A5                  | : ADDRESS BUS IN                              |
| 14 | A2     | PLBF | 88  | ALCK                   | : ARITHMETIC LOGIC UNIT CLOCK IN              |
| 15 | A3     | PMBF | 89  | BKIN                   | : BACKUP IN (NEGATIVE LOGIC)                  |
| 16 | A4     |      | 90  | BKUP                   | : BACKUP EXECUTION IN (NEGATIVE LOGIC)        |
| 17 | A5     | D0   | 91  | CK11                   | : SYSTEM CLOCK IN                             |
| 18 | CS     | D1   | 100 | CSHD                   | : COMPOSITE SYNC/H0 IN                        |
| 19 | WR     | D2   | 1   | CSVD                   | : COMPOSITE SYNC/V0 IN                        |
| 20 | RD     | D3   | 2   | CTL1                   | : CTL SIGNAL IN                               |
| 21 |        | D4   | 3   | DEMI                   | : LONGITUDINAL TIME AND CONTROL CODE IN       |
| 22 | CSHD   | D5   | 4   | DLY1                   | : INPUT TO DELAY CIRCUIT                      |
| 23 | CSVD   | D6   | 5   | DMCK                   | : LTC DEMODULATE CLOCK IN                     |
| 24 |        | D7   | 6   | FRM1                   | : FRAME SIGNAL IN                             |
| 25 |        |      | 7   | FWD                    | : CTL DIRECTION SIGNAL IN                     |
| 26 | LRRV   | RSYC | 30  | HDI                    | : HORIZONTAL SYNC INPUT                       |
| 27 | LREV   | RSYC | 31  | INTE                   | : EXTERNAL INTERRUPT IN (POSITIVE LOGIC)      |
| 28 | CTL1   | DCLK | 32  | K161                   | : 16KHz CLOCK IN                              |
| 29 | PBTC   | DATA | 33  |                        | : BACKUP CLOCK IN                             |
| 30 | LTC1   | BER  | 34  | LRRV                   | : DIRECTION INPUT FOR LTC READER CALCULATION  |
| 31 | X1TC   |      | 35  | LTC1                   | : GENERATED LTC IN                            |
| 32 |        | X1BE | 19  | LSH1                   | : LTC SYNCHRONOUS H INPUT                     |
| 33 | XINIT  | REC  | 21  | NORM                   | : NORMAL/BACKUP MODE SELECT                   |
| 34 | XRES   | OUT  | 22  | TEST11-TEST9           | : TEST IN                                     |
| 35 | BKUP   | READ | 23  | TEST11                 |   |
| 36 | ALCK   |      | 24  | PBTC                   | : PLAYBACK LTC IN                             |
| 37 | K161   | HDO  | 45  | RD                     | : READ IN (NEGATIVE LOGIC)                    |
| 38 | HDI    | VDD  | 46  | REF                    | : REFERENCE OF LTC GENERATOR                  |
| 39 | DLY1   | IFRM | 47  | VC11                   | : LTC CLOCK IN-1                              |
| 40 | FRM1   | FRAM | 48  | VC12                   | : EXTERNAL LTC IN                             |
| 41 | LSH1   |      | 49  | X1TC                   | : LTC CLOCK IN-2                              |
| 42 | VC11   | DLY0 | 50  | XRES                   | : SYSTEM RESET IN (NEGATIVE LOGIC)            |
| 43 | VC12   | LSH0 | 51  | WR                     | : WRITE IN (NEGATIVE LOGIC)                   |
| 44 | REF    | VCEO | 52  |                        |   |
| 45 |        | LTC0 | 53  | OUTPUT                 |   |
| 46 |        | CFNG | 54  | BER                    | : BI-PHASE MARK ERROR (BIT ERROR)             |
| 47 | DMCK   |      | 55  | BK0                    | : BACKUP CONTROL OUT-2 (POSITIVE LOGIC)       |
| 48 | DEMI   | INTG | 76  | CFNG                   | : COLOR FRAME ERROR FLAG OUT                  |
| 49 | BKIN   | INTL | 77  | CK10                   | : SYSTEM CLOCK OUT                            |
| 50 |        | INTC | 80  | CK2W                   | : CLOCK 2W OUT                                |
| 51 |        | INTR | 81  | CS                     | : CHIP SELECT IN (NEGATIVE LOGIC)             |
| 52 | TEST1  | INTA | 82  | D0-D7                  | : DATA BUS                                    |
| 53 | TEST2  |      | 83  | DATA                   | : DEMODULATED SERIAL DATA OUT                 |
| 54 | TEST3  | CK2W | 84  | DCLK                   | : LTC DECODE CLOCK OUT                        |
| 55 | TEST4  | BK0  | 85  | DCLK                   | : DEMODULATED CLOCK OUT                       |
| 56 | TEST5  | CK10 | 86  | DLY0                   | : OUTPUT FROM DELAY CIRCUIT                   |
| 57 | TEST6  | DCLK | 87  | FRAM                   | : FRAME SIGNAL OUT -2                         |
| 58 | TEST7  | INTM | 88  | HDO                    | : HORIZONTAL SYNC DRIVE OUT                   |
| 59 | TEST8  | XOUT | 89  | IFRM                   | : FRAME SIGNAL OUT -1                         |
| 60 | TEST9  | PORT | 90  | INTC                   | : CTL INTERRUPT OUT (POSITIVE LOGIC)          |
| 61 | NORM   | XINT | 91  | INTG                   | : GENERATOR INTERRUPT OUT (POSITIVE LOGIC)    |
| 62 | TEST11 |      | 92  | INTL                   | : READER INTERRUPT -1 OUT (POSITIVE LOGIC)    |
| 63 |        |      | 93  | INTM                   | : INTERRUPT MIX OUT (POSITIVE LOGIC)          |
| 64 |        |      | 94  | INTR                   | : READER INTERRUPT -2 OUT (POSITIVE LOGIC)    |
| 65 |        |      | 95  | INTX                   | : EXTERNAL LTC INTERRUPT OUT (POSITIVE LOGIC) |
| 66 |        |      | 96  | LREV                   | : READ REV/FWD BIT OUT                        |
| 67 |        |      | 97  | LSH0                   | : LTC SYNCHRONOUS SIGNAL H OUT                |
| 68 |        |      | 98  | LTC0                   | : LTC SIGNAL OUT                              |
| 69 |        |      | 99  | NT4F, PL4F, PLBF, PMBF | : DEMODULATED COLOR FRAME OUT                 |
| 70 |        |      | 100 | OUT                    | : EXTERNAL OUTPUT LTC OUT                     |
|    |        |      |     | PORT                   | : PORT  |
|    |        |      |     | READ                   | : READ LTC OUT                                |
|    |        |      |     | REC                    | : RECORD LTC OUT                              |
|    |        |      |     | RSYC                   | : READ SYNC WORD DATA OUT                     |
|    |        |      |     | VCEO                   | : LTC CLOCK OUT                               |
|    |        |      |     | VDD                    | : VERTICAL SYNC DRIVE OUT                     |
|    |        |      |     | X1BE                   | : BI-PHASE MARK ERROR (NORMAL SPEED READER)   |
|    |        |      |     | XBK                    | : BACKUP CONTROL OUT-1 (NEGATIVE LOGIC)       |
|    |        |      |     | XINT                   | : INVERTED INTERRUPT MIX OUT (NEGATIVE LOGIC) |
|    |        |      |     | XOUT                   | : INVERTED EXTERNAL OUTPUT LTC OUT            |



## CXD8385Q (SONY)

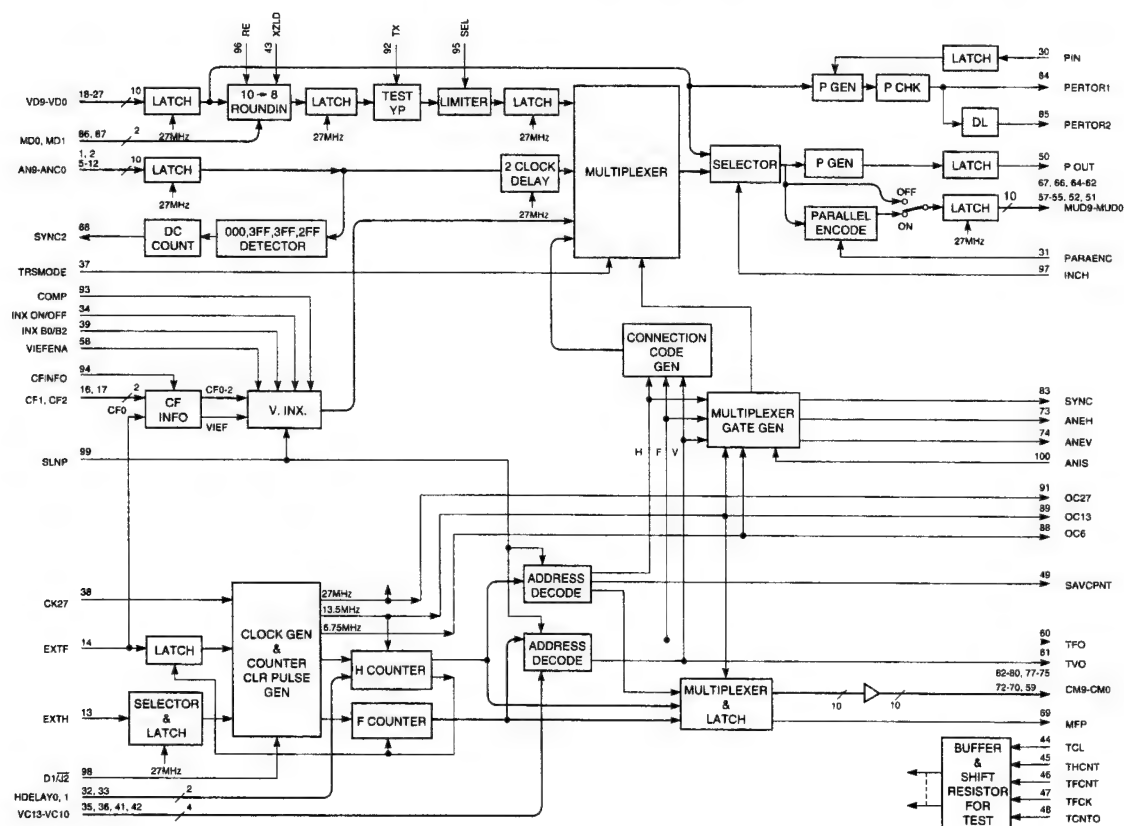
C-MOS ENCODER

—TOP VIEW—



(VDD = + 5 V)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL     | PIN No. | I/O | SIGNAL  | PIN No. | I/O | SIGNAL  |
|---------|-----|--------|---------|-----|------------|---------|-----|---------|---------|-----|---------|
| 1       | I   | ANC9   | 28      | I   | VD1        | 51      | O   | MUD0    | 76      | O   | CM5     |
| 2       | I   | ANC8   | 27      | I   | VD0        | 52      | O   | MUD1    | 77      | O   | CM6     |
| 3       | I   | VDp    | 26      | I   | VDp        | 53      | I   | VDp     | 78      | I   | VDp     |
| 4       | I   | GND    | 29      | I   | GND        | 54      | I   | GND     | 79      | I   | GND     |
| 5       | I   | ANC7   | 30      | I   | PIN        | 55      | O   | MUD2    | 80      | O   | CM7     |
| 6       | I   | ANC6   | 31      | I   | PARAENC    | 56      | O   | MUD3    | 81      | O   | CM8     |
| 7       | I   | ANC5   | 32      | I   | HDELAY0    | 57      | O   | MUD4    | 82      | O   | CM9     |
| 8       | I   | ANC4   | 33      | I   | HDELAY1    | 58      | I   | VIEFENA | 83      | O   | SYNC    |
| 9       | I   | ANC3   | 34      | I   | INX ON/OFF | 59      | O   | CM0     | 84      | O   | PERROR1 |
| 10      | I   | ANC2   | 35      | I   | VC13       | 60      | O   | TFO     | 85      | O   | PERROR2 |
| 11      | I   | ANC1   | 36      | I   | VC12       | 61      | O   | TVO     | 86      | I   | MD0     |
| 12      | I   | ANC0   | 37      | I   | TRSMODE    | 62      | O   | MUD5    | 87      | I   | MD1     |
| 13      | I   | EXTH   | 38      | I   | CK27       | 63      | O   | MUD6    | 88      | O   | OC6     |
| 14      | I   | EXTF   | 39      | I   | INX B0/B2  | 64      | O   | MUD7    | 89      | O   | OC13    |
| 15      | I   | GND    | 40      | I   | GND        | 65      | I   | GND     | 90      | I   | GND     |
| 16      | I   | CF1    | 41      | I   | VC11       | 66      | O   | MUD8    | 91      | O   | OC27    |
| 17      | I   | CF2    | 42      | I   | VC10       | 67      | O   | MUD9    | 92      | I   | TX      |
| 18      | I   | VD9    | 43      | I   | XZLD       | 68      | O   | SYNC2   | 93      | I   | COMP    |
| 19      | I   | VD8    | 44      | I   | TCL        | 69      | O   | MFP     | 94      | I   | CFINFO  |
| 20      | I   | VD7    | 45      | I   | THCNT      | 70      | O   | CM1     | 95      | I   | SEL     |
| 21      | I   | VD6    | 46      | I   | TFCK       | 71      | O   | CM2     | 96      | I   | RE      |
| 22      | I   | VD5    | 47      | I   | TFCK       | 72      | O   | CM3     | 97      | I   | INCH    |
| 23      | I   | VD4    | 48      | I   | TCNTO      | 73      | O   | ANEH    | 98      | I   | D1/J2   |
| 24      | I   | VD3    | 49      | O   | SAVPNT     | 74      | O   | ANEV    | 99      | I   | SLNP    |
| 25      | I   | VD2    | 50      | O   | POUT       | 75      | O   | CM4     | 100     | I   | ANIS    |

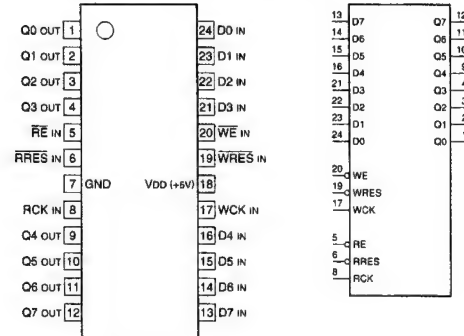




|     |            |     |  |   |                             |
|-----|------------|-----|--|---|-----------------------------|
| 30  | PIN        | 84  | INPUT                                      |   |                             |
| 31  | RE         | 85  | ANC0-ANC9                                  | : | ANCILLARY DATA              |
| 43  | XZLD       | 86  | ANIS                                       | : | ANC GATE CONTROL            |
| 27  | VD0        | 51  | CF1/CF2                                    | : | CF DATA                     |
| 26  | VD1        | 52  | CFINFO                                     | : | CFINFO CONTROL              |
| 25  | VD2        | 53  | CK27                                       | : | 27 MHZ CLOCK                |
| 24  | VD3        | 54  | COMP                                       | : | COMPOSIT/COMPONENT          |
| 23  | VD4        | 55  | D1/12, SLNP                                | : | MODE CONTROL                |
| 22  | VD5        | 56  | EXTF                                       | : | REF F                       |
| 21  | VD6        | 57  | EXTH                                       | : | REF H                       |
| 20  | VD7        | 62  | HDELAY0, HDELAY1                           | : |                             |
| 19  | VD8        | 63  | JZ REF H TRS ADVANCE CONTROL               | : |                             |
| 18  | VD9        | 64  | INCH, TCL, TCNT0, TFCK, TFCNT, THCNT, XZLD | : | TEST PIN                    |
| 86  | MD0        | 65  | INX ON/OFF, INX B0/B2 VIEFENA              | : | V. INX. CONTROL             |
| 87  | MD1        | 66  | PARAENC                                    | : | SCRAMBLE NRZ CONVERT ON/OFF |
| 88  | TX         | 67  | PIN  | : | PARITY                      |
| 89  | SEL        | 68  | RE   | : | ROUND CONTROL               |
| 90  | PARAENC    | 69  | TRSMODE                                    | : | TRS 10-BIT/8-BIT SELECT     |
| 91  | INCH       | 70  | TX   | : | TEST PIN                    |
| 92  | ANC0       | 71  | VC10-VC13                                  | : | 525/60 V BLANK CONTROL      |
| 93  | ANC1       | 72  | VD0-VD9                                    | : | VIDEO DATA                  |
| 94  | ANC2       | 73  | OUTPUT                                     | : |                             |
| 95  | ANC3       | 74  | ANEH, ANEV                                 | : | PULSE                       |
| 96  | ANC4       | 75  | CM0-CM9                                    | : | H, F COUNTER                |
| 97  | ANC5       | 76  | MFP  | : | MULTIPLEX F COUNTER PULSE   |
| 98  | ANC6       | 77  | MUD0-MUD9                                  | : | VIDEO DATA                  |
| 99  | ANC7       | 78  | OC13                                       | : | 13.5 MHZ CLOCK              |
| 100 | ANC8       | 79  | OC27                                       | : | 27 MHZ CLOCK                |
| 101 | ANC9       | 80  | OC6  | : | 6.75 MHZ CLOCK              |
| 102 | TRSMODE    | 81  | PERROR1, PERROR2                           | : | PARITY ERROR DETECT         |
| 103 | COMP       | 82  | POUT                                       | : | PARITY                      |
| 104 | INX ON/OFF | 83  | SAVPNT                                     | : | SAV PULSE                   |
| 105 | INX B0/B2  | 84  | SYNC, SYNC2                                | : | TIMING PULSE                |
| 106 | VIEFENA    | 85  | TFO  | : | F MONITOR                   |
| 107 | CFINFO     | 86  | TVO  | : | V MONITOR                   |
| 108 | CF1        | 87  |  | : |                             |
| 109 | CF2        | 88  |  | : |                             |
| 110 | CK27       | 89  |  | : |                             |
| 111 | EXTF       | 90  |  | : |                             |
| 112 | EXTH       | 91  |  | : |                             |
| 113 | D1/12      | 92  |  | : |                             |
| 114 | HDELAY0    | 93  |  | : |                             |
| 115 | HDELAY1    | 94  |  | : |                             |
| 116 | VC10       | 95  |  | : |                             |
| 117 | VC11       | 96  |  | : |                             |
| 118 | VC12       | 97  |  | : |                             |
| 119 | VC13       | 98  |  | : |                             |
| 120 | TCL        | 99  |  | : |                             |
| 121 | THCNT      | 100 |  | : |                             |
| 122 | TPCNT      | 101 |  | : |                             |
| 123 | TFCK       | 102 |  | : |                             |
| 124 | TCNT0      | 103 |  | : |                             |

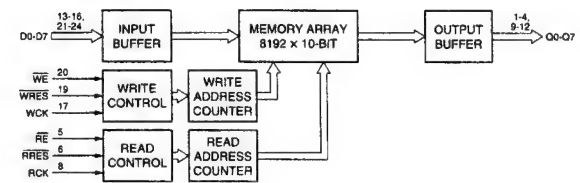
# M66256GP-E2 (MITSUBISHI) FLAT PACKAGE

C-MOS 40M (5,120 × 8)-BIT LINE MEMORY  
-TOP VIEW-



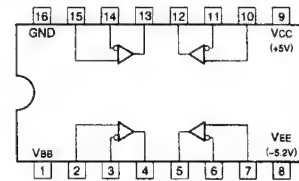
**INPUT**  
D0-D7 : DATA  
RCK : READ CLOCK  
RE : READ ENABLE  
RRES : READ RESET  
WCK : WRITE CLOCK  
WE : WRITE ENABLE  
WRES : WRITE RESET

**OUTPUT**  
Q0-Q7 : DATA



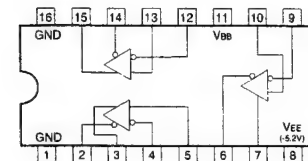
# MC10125P (MOTOROLA)

ECL ECL-TO-TTL TRANSLATOR  
-TOP VIEW-

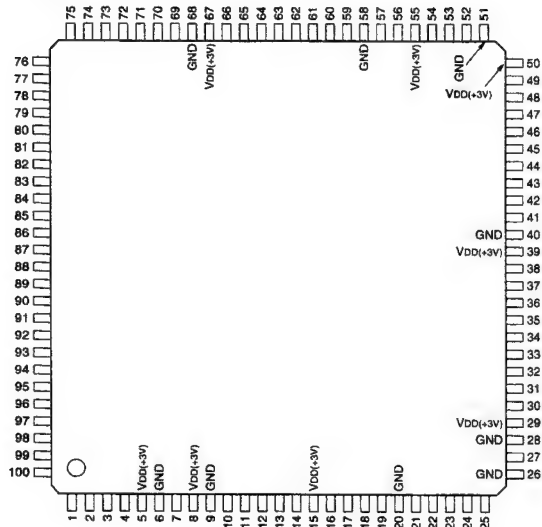


# MC10H116M (MOTOROLA) FLAT PACKAGE MC10H116MEL

ECL TRIPLE DIFFERENTIAL OR/NOR LINE RECEIVERS  
-TOP VIEW-



## CXD8627AR (SONY)

C-MOS VIDEO AUXILIARY DATA READ/WRITE  
- TOP VIEW -

| PIN NO. | I/O | SIGNAL        | PIN NO. | I/O | SIGNAL    | PIN NO. | I/O | SIGNAL  |
|---------|-----|---------------|---------|-----|-----------|---------|-----|---------|
| 1       | I   | TST-CTL1      | 35      | I/O | SFDT11    | 69      | I   | TST-AA0 |
| 2       | I   | TST-CTL2      | 36      | I/O | SFDT10    | 70      | I   | TST-AA1 |
| 3       | I   | TST-CTL3      | 37      | I/O | SFDT9     | 71      | I   | TST-AA2 |
| 4       | I   | TST-CTL4      | 38      | I/O | SFDT8     | 72      | I   | TST-AA3 |
| 5       | —   | VDD(+3V)      | 39      | —   | VDD(+3V)  | 73      | I   | TST-AA4 |
| 6       | —   | GND           | 40      | —   | GND       | 74      | I   | TST-AA5 |
| 7       | I   | 8-B COM       | 41      | I/O | SFDT7     | 75      | I   | TST-AA6 |
| 8       | —   | VDD(+3V)      | 42      | I/O | SFDT6     | 76      | I   | TST-AA7 |
| 9       | —   | GND           | 43      | I/O | SFDT5     | 77      | I   | TST-AB0 |
| 10      | I   | RST           | 44      | I/O | SFDT4     | 78      | I   | TST-AB1 |
| 11      | I   | SCK           | 45      | I/O | SFDT3     | 79      | I   | TST-AB2 |
| 12      | O   | S-DATA OUT    | 46      | I/O | SFDT2     | 80      | I   | TST-AB3 |
| 13      | I   | S-DATA IN     | 47      | I/O | SFDT1     | 81      | I   | TST-AB4 |
| 14      | I   | CS            | 48      | I/O | SFDT0     | 82      | I   | TST-AB5 |
| 15      | —   | VDD(+3V)      | 49      | I   | BUPFS     | 83      | I   | TST-AB6 |
| 16      | I   | THRU/NORM SEL | 50      | —   | VDD(+3V)  | 84      | I   | TST-AB7 |
| 17      | O   | AUX-IOEC      | 51      | —   | GND       | 85      | I   | TST-D0  |
| 18      | I   | IND EN        | 52      | I   | R/P SEL   | 86      | I   | TST-D1  |
| 19      | I   | VI-EN         | 53      | I   | ADV0      | 87      | I   | TST-D2  |
| 20      | —   | GND           | 54      | I   | ADV1      | 88      | I   | TST-D3  |
| 21      | I   | AU-DATA       | 55      | —   | VDD(+3V)  | 89      | I   | TST-D4  |
| 22      | I   | AU-START      | 56      | I   | TRK-PLS   | 90      | I   | TST-D5  |
| 23      | I   | AU-DATA EN    | 57      | I   | FLD-PLS   | 91      | I   | TST-D6  |
| 24      | O   | AUX-START     | 58      | —   | GND       | 92      | I   | TST-D7  |
| 25      | I   | P-SAVE        | 59      | O   | PERI CNT0 | 93      | O   | TST-O0  |
| 26      | —   | GND           | 60      | O   | PERI CNT1 | 94      | O   | TST-O1  |
| 27      | I   | CK            | 61      | O   | PERI CNT2 | 95      | O   | TST-O2  |
| 28      | —   | GND           | 62      | O   | PERI CNT3 | 96      | O   | TST-O3  |
| 29      | —   | VDD(+3V)      | 63      | O   | MODE0     | 97      | O   | TST-O4  |
| 30      | I   | SYS SEL       | 64      | O   | MODE1     | 98      | O   | TST-O5  |
| 31      | I/O | SFDT15        | 65      | O   | MODE2     | 99      | O   | TST-O6  |
| 32      | I/O | SFDT14        | 66      | O   | MODE3     | 100     | O   | TST-O7  |
| 33      | I/O | SFDT13        | 67      | —   | VDD(+3V)  |         |     |         |
| 34      | I/O | SFDT12        | 68      | —   | GND       |         |     |         |

|     |               |            |     |          |       |
|-----|---------------|------------|-----|----------|-------|
| 7   | 8-COM         | AUX-IOEC   | 17  | TST-AB6  | SFDT3 |
| 8   | ADV0          | AUX-START  | 18  | TST-AB7  | SFDT2 |
| 9   | ADV1          | MODE0      | 19  | TST-CTL1 | SFDT1 |
| 10  | AU-DATA       | MODE1      | 20  | TST-CTL2 | SFDT0 |
| 11  | AU-DATA EN    | MODE2      | 21  | TST-CTL3 |       |
| 12  | AU-START      | MODE3      | 22  | TST-CTL4 |       |
| 13  | BUPFS         | PERI CNT0  | 23  | TST-D0   |       |
| 14  | CK            | PERI CNT1  | 24  | TST-D1   |       |
| 15  | CS            | PERI CNT2  | 25  | TST-D2   |       |
| 16  | FLD-PLS       | PERI CNT3  | 26  | TST-D3   |       |
| 17  | IND EN        | S-DATA OUT | 27  | TST-D4   |       |
| 18  | P-SAVE        | TST-O0     | 28  | TST-D5   |       |
| 19  | R/P SEL       | TST-O1     | 29  | TST-D6   |       |
| 20  | SCK           | TST-O2     | 30  | TST-D7   |       |
| 21  | S-DATA IN     | TST-O3     | 31  | VI-EN    |       |
| 22  | SYS SEL       | TST-O4     | 32  |          |       |
| 23  | THRU/NORM SEL | TST-O5     | 33  |          |       |
| 24  | TRK-PLS       | TST-O6     | 34  |          |       |
| 25  | TST-AA0       | TST-O7     | 35  |          |       |
| 26  | TST-AA1       |            | 36  |          |       |
| 27  | TST-AA2       | SFDT15     | 37  |          |       |
| 28  | TST-AA3       | SFDT14     | 38  |          |       |
| 29  | TST-AA4       | SFDT13     | 39  |          |       |
| 30  | TST-AA5       | SFDT12     | 40  |          |       |
| 31  | TST-AA6       | SFDT11     | 41  |          |       |
| 32  | TST-AA7       | SFDT10     | 42  |          |       |
| 33  | TST-AB0       | SFDT9      | 43  |          |       |
| 34  | TST-AB1       | SFDT8      | 44  |          |       |
| 35  | TST-AB2       | SFDT7      | 45  |          |       |
| 36  | TST-AB3       | SFDT6      | 46  |          |       |
| 37  | TST-AB4       | SFDT5      | 47  |          |       |
| 38  | TST-AB5       | SFDT4      | 48  |          |       |
| 39  | TST-AB6       | SFDT3      | 49  |          |       |
| 40  | TST-AB7       | SFDT2      | 50  |          |       |
| 41  | TST-D0        | SFDT1      | 51  |          |       |
| 42  | TST-D1        |            | 52  |          |       |
| 43  | TST-D2        |            | 53  |          |       |
| 44  | TST-D3        |            | 54  |          |       |
| 45  | TST-D4        |            | 55  |          |       |
| 46  | TST-D5        |            | 56  |          |       |
| 47  | TST-D6        |            | 57  |          |       |
| 48  | TST-D7        |            | 58  |          |       |
| 49  | VI-EN         |            | 59  |          |       |
| 50  |               |            | 60  |          |       |
| 51  |               |            | 61  |          |       |
| 52  |               |            | 62  |          |       |
| 53  |               |            | 63  |          |       |
| 54  |               |            | 64  |          |       |
| 55  |               |            | 65  |          |       |
| 56  |               |            | 66  |          |       |
| 57  |               |            | 67  |          |       |
| 58  |               |            | 68  |          |       |
| 59  |               |            | 69  |          |       |
| 60  |               |            | 70  |          |       |
| 61  |               |            | 71  |          |       |
| 62  |               |            | 72  |          |       |
| 63  |               |            | 73  |          |       |
| 64  |               |            | 74  |          |       |
| 65  |               |            | 75  |          |       |
| 66  |               |            | 76  |          |       |
| 67  |               |            | 77  |          |       |
| 68  |               |            | 78  |          |       |
| 69  |               |            | 79  |          |       |
| 70  |               |            | 80  |          |       |
| 71  |               |            | 81  |          |       |
| 72  |               |            | 82  |          |       |
| 73  |               |            | 83  |          |       |
| 74  |               |            | 84  |          |       |
| 75  |               |            | 85  |          |       |
| 76  |               |            | 86  |          |       |
| 77  |               |            | 87  |          |       |
| 78  |               |            | 88  |          |       |
| 79  |               |            | 89  |          |       |
| 80  |               |            | 90  |          |       |
| 81  |               |            | 91  |          |       |
| 82  |               |            | 92  |          |       |
| 83  |               |            | 93  |          |       |
| 84  |               |            | 94  |          |       |
| 85  |               |            | 95  |          |       |
| 86  |               |            | 96  |          |       |
| 87  |               |            | 97  |          |       |
| 88  |               |            | 98  |          |       |
| 89  |               |            | 99  |          |       |
| 90  |               |            | 100 |          |       |
| 91  |               |            |     |          |       |
| 92  |               |            |     |          |       |
| 93  |               |            |     |          |       |
| 94  |               |            |     |          |       |
| 95  |               |            |     |          |       |
| 96  |               |            |     |          |       |
| 97  |               |            |     |          |       |
| 98  |               |            |     |          |       |
| 99  |               |            |     |          |       |
| 100 |               |            |     |          |       |

## INPUT

|                     |   |
|---------------------|---|
| 8-B COM             | : H : 8-BYTE COM, L : NORMAL                      |
| ADV0, ADV1          | : OUTPUT TIMING ADVANCE CONTROL                   |
| AU-DATA             | : AUDIO SERIAL DATA                               |
| AU-DATA EN          | : AUDIO SERIAL DATA ENABLE                        |
| AU-START            | : AUDIO START                                     |
| BUPFS               | : FDF DATA TIMING                                 |
| CK                  | : MAIN CLOCK (18.1MHz)                            |
| CS                  | : CHIP SELECT                                     |
| FLD-PLS             | : FIELD REFERENCE PULSE                           |
| IND EN              | : INDI AUDIO ENABLE                               |
| P-SAVE              | : POWER SAVE (H : POWER SAVE)                     |
| R/P SEL             | : REC/PB SEL (H : REC, L : PB)                    |
| RST                 | : SYSTEM RESET                                    |
| SCK                 | : SERIAL COMMUNICATION CLOCK                      |
| S-DATA IN           | : SERIAL COMMUNICATION DATA                       |
| SYS SEL             | : SYSTEM SELECT (H : PAL, L : NTSC)               |
| THRU/NORM SEL       | : THROUGH/NORMAL SELECT (H : THROUGH, L : NORMAL) |
| TRK-PLS             | : TRACK REFERENCE PULSE                           |
| TST-AA0 - TST-AA7   | : FOR TEST  |
| TST-AB - TST-AB7    | : FOR TEST  |
| TST-CTL1 - TST-CTL4 | : FOR TEST  |
| TST-D0 - TST-D7     | : FOR TEST  |
| VI-EN               | : VIDEO ENABLE                                    |

## OUTPUT

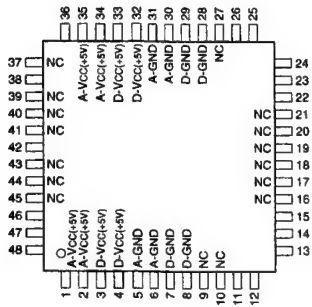
|                       |                                 |
|-----------------------|---------------------------------|
| AUX-IOEC              | : I/O ENABLE CONTROL            |
| AUX-START             | : AUXILIARY START               |
| MODE0 - MODE3         | : MODE COMMAND                  |
| PERI CNT0 - PERI CNT3 | : PERIPHERAL IC CONTROL COMMAND |
| S-DATA OUT            | : SERIAL COMMUNICATION DATA     |
| TST-O0 - TST-O7       | : FOR TEST                      |

## INPUT/OUTPUT

|                |                    |
|----------------|--------------------|
| SFDT15 - SFDT0 | : SYF/FDF DATA BUS |
|----------------|--------------------|

MB40569PFV-ER (FUJITSU)

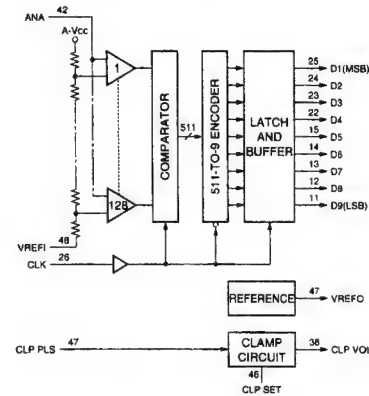
20 MHz 9-BIT A/D CONVERTER  
-TOP VIEW-



| PIN NO. | I/O | SIGNAL     | PIN NO. | I/O | SIGNAL     |
|---------|-----|------------|---------|-----|------------|
| 1       | —   | A-VCC(+5V) | 25      | O   | D1(MSB)    |
| 2       | —   | A-VCC(+5V) | 26      | I   | CLK        |
| 3       | —   | D-VCC(+5V) | 27      | —   | NC         |
| 4       | —   | D-VCC(+5V) | 28      | —   | D-GND      |
| 5       | —   | A-GND      | 29      | —   | D-GND      |
| 6       | —   | A-GND      | 30      | —   | A-GND      |
| 7       | —   | D-GND      | 31      | —   | A-GND      |
| 8       | —   | D-GND      | 32      | —   | D-VCC(+5V) |
| 9       | —   | NC         | 33      | —   | D-VCC(+5V) |
| 10      | —   | NC         | 34      | —   | A-VCC(+5V) |
| 11      | O   | D9(LSB)    | 35      | —   | A-VCC(+5V) |
| 12      | O   | D8         | 36      | I   | CLP PLS    |
| 13      | O   | D7         | 37      | —   | NC         |
| 14      | O   | D6         | 38      | O   | CLP VOL    |
| 15      | O   | D5         | 39      | —   | NC         |
| 16      | —   | NC         | 40      | —   | NC         |
| 17      | —   | NC         | 41      | —   | NC         |
| 18      | —   | NC         | 42      | I   | ANA        |
| 19      | —   | NC         | 43      | —   | NC         |
| 20      | —   | NC         | 44      | —   | NC         |
| 21      | —   | NC         | 45      | —   | NC         |
| 22      | O   | D4         | 46      | I   | CLP SET    |
| 23      | O   | D3         | 47      | O   | VREF0      |
| 24      | O   | D2         | 48      | I   | VREFI      |

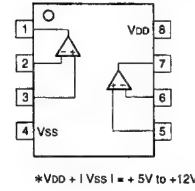
**INPUT**  
ANA : ANALOG SIGNAL  
CLK : CLOCK  
CLP PLS : CLAMP PULSE  
CLP SET : CLAMP VOLTAGE SETTING  
VREFI : REFERENCE VOLTAGE (+3V)

**OUTPUT**  
CLP VOL : CLAMP VOLTAGE  
D1 - D9 : DIGITAL SIGNAL (D9 : LSB, D1 : MSB)  
VREF0 : REFERENCE VOLTAGE (+3V)



MC14577CF (MOTOROLA) FLAT PACKAGE  
MC14577CFEL

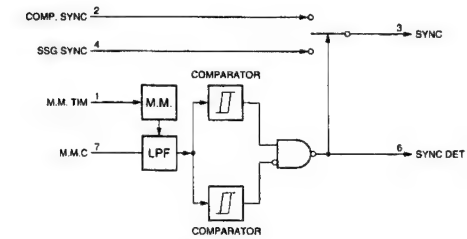
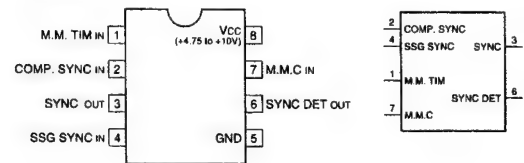
C-MOS DUAL VIDEO AMPLIFIERS  
-TOP VIEW-



\*VDD + 1 VSS = +5V to +12V

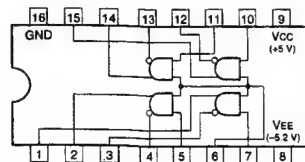
NJM2230M (JRC) FLAT PACKAGE  
NJM2230M(Te2)

VIDEO SIGNAL DETECTOR  
-TOP VIEW-



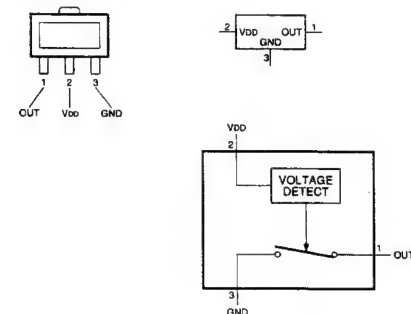
MC10H124M (MOTOROLA) FLAT PACKAGE  
MC10H124MEL

ECL TTL-TO-ECL TRANSLATOR  
-TOP VIEW-



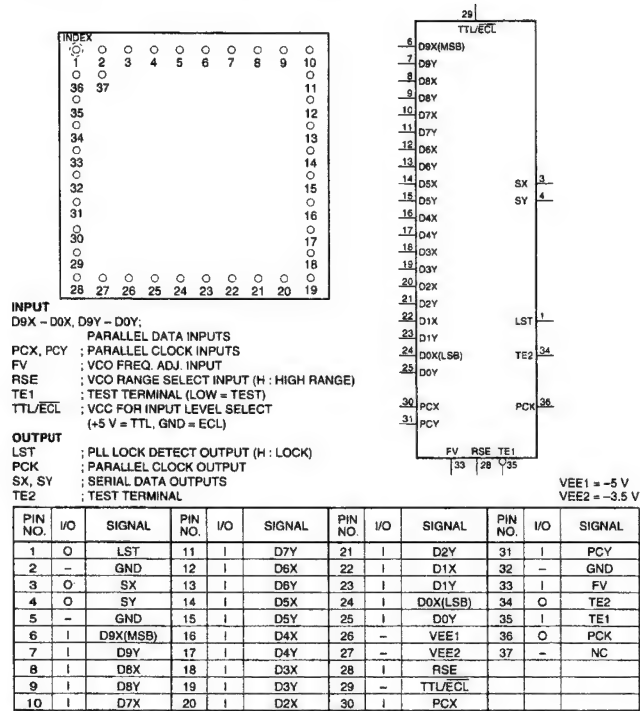
S-8054HN-CB-S (SEIKO I&E)  
S-8054HN-CB-T1

C-MOS VOLTAGE DETECTOR WITH N-CHANNEL OPEN DRAIN OUTPUT  
-TOP VIEW-



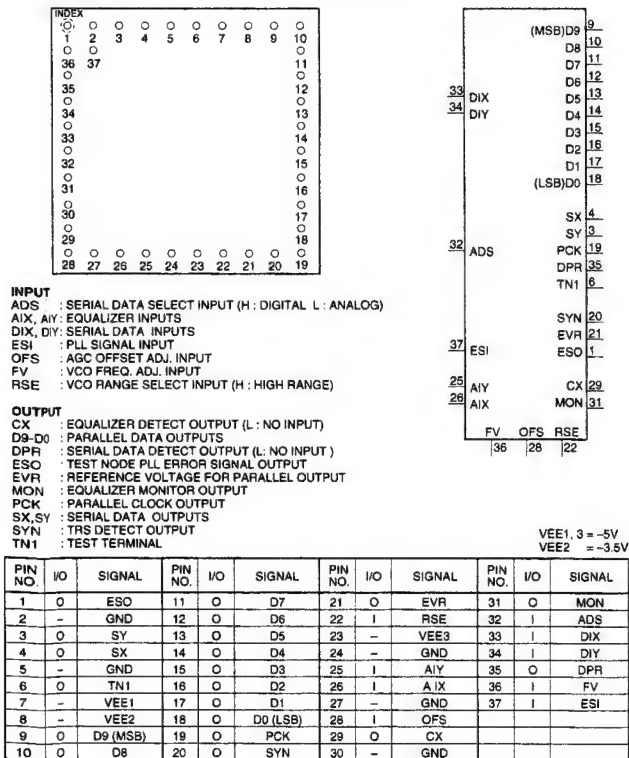
## SBX1601A (SONY)

8- OR 10-BIT PARALLEL-TO-SERIAL CONVERTER  
-BOTTOM VIEW-

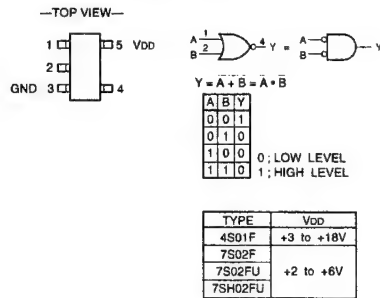
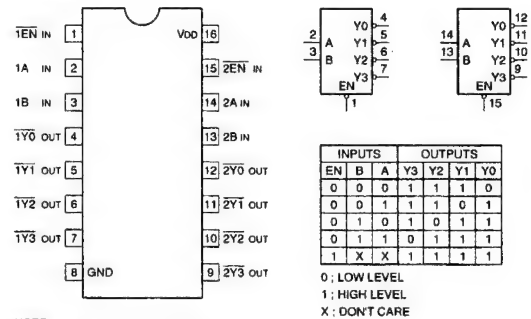


## SBX1602A (SONY)

8- OR 10-BIT SERIAL-TO-PARALLEL CONVERTER  
-TOP VIEW-

SC7S02F (MOTOROLA) CHIP PACKAGE  
TC7S02F (TE85R)

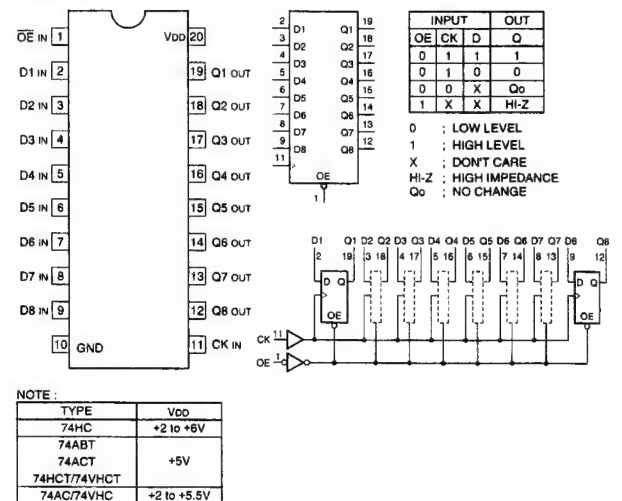
C-MOS 2-INPUT NOR GATE

SN74HC139ANS (TI) FLAT PACKAGE  
SN74HC139ANS-E05  
TC74VHC139F(EL) (TOSHIBA)  
TC74VHC139FS(EL) (TOSHIBA) FLAT PACKAGE (SMALL)  
TC74VHC139FT(EL) (TOSHIBA) FLAT PACKAGEC-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER  
-TOP VIEW-

NOTE :

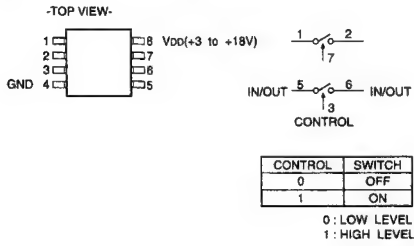
| TYPE           | VDD         |
|----------------|-------------|
| TC74AC/TC74VHC | +2 to +5.5V |
| HCT/ACT        | +5V         |
| OTHER TYPES    | +2 to +6V   |

## SN74HC573BNS-E05 (TI) FLAT PACKAGE

C-MOS 3-STATE OUTPUTS OCTAL LATCH  
-TOP VIEW-

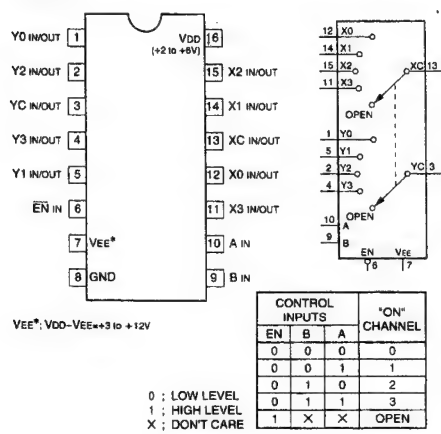
TC4W66FU(TE12R) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL BILATERAL SWITCH



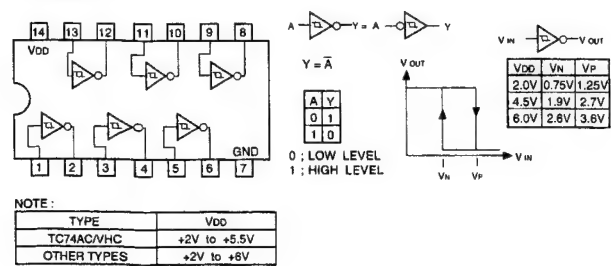
TC74HC4052AFS(EL) (TOSHIBA) FLAT PACKAGE  
TC74HC4052AFT(EL) (TOSHIBA)

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER



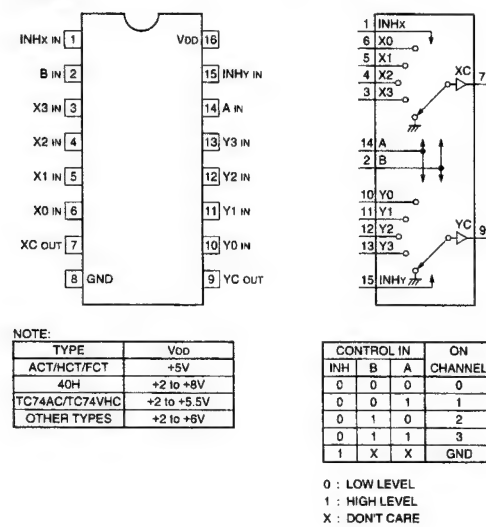
TC74VHC14F (TOSHIBA) FLAT PACKAGE  
TC74VHC14F(EL)

C-MOS HEX SCHMITT TRIGGER INVERTERS



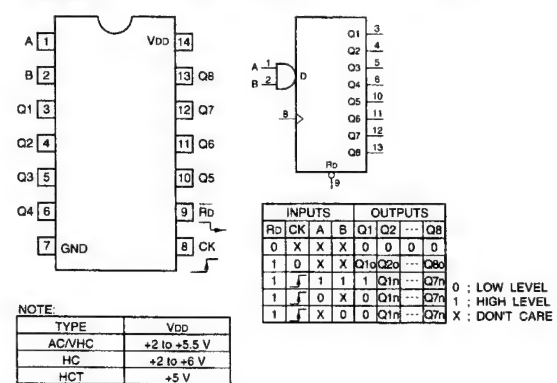
TC74VHC153FS(EL) (TOSHIBA) FLAT PACKAGE  
TC74VHC153FT(EL) (TOSHIBA) FLAT PACKAGE

C-MOS DUAL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER



TC74VHC164F (TOSHIBA) FLAT PACKAGE  
TC74VHC164FS(EL)  
TC74VHC164FT(EL) (TOSHIBA) FLAT PACKAGE

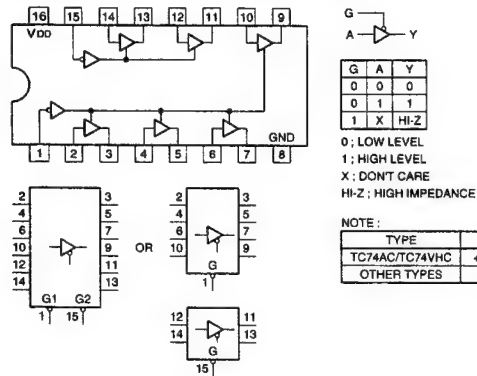
C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER





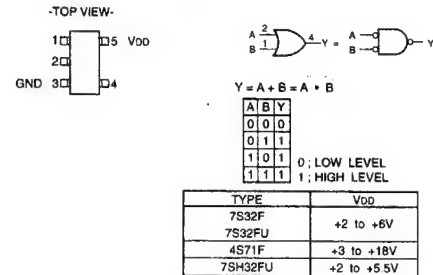
TC74VHC367F (TOSHIBA) FLAT PACKAGE  
TC74VHC367F(EL)

C-MOS BUS DRIVER WITH 3-STATE OUTPUTS  
- TOP VIEW -



TC7S32FU (TE85R) (TOSHIBA) FLAT PACKAGE  
TC7SH32FU-TE85R (TOSHIBA) FLAT PACKAGE

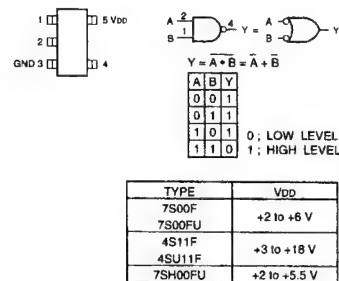
C-MOS 2-INPUT OR GATE



TC7SH00FU-TE85R (TOSHIBA) FLAT PACKAGE

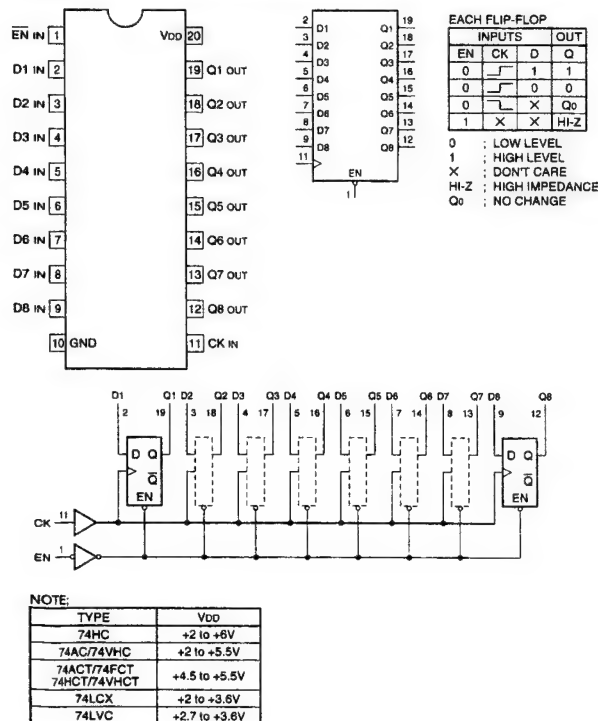
C-MOS 2-INPUT NAND GATE

- TOP VIEW -



TC74VHC574F (TOSHIBA) FLAT PACKAGE  
TC74VHC574F(EL)

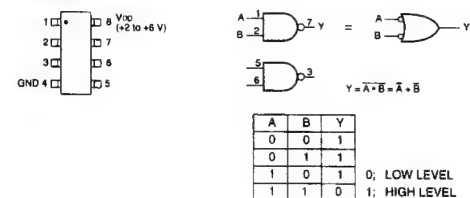
C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP  
- TOP VIEW -



TC7W00F (TOSHIBA) CHIP PACKAGE  
TC7W00F(TE12R) (TOSHIBA) CHIP PACKAGE

C-MOS DUAL 2-INPUT NAND GATE

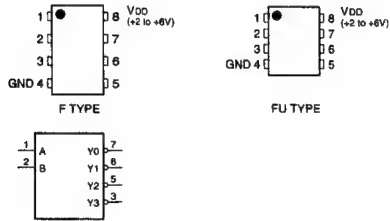
- TOP VIEW -



TC7W139FU(TE12R) (TOSHIBA)CHIP PACKAGE

C-MOS 2 to 4 LINE DECODER WITH ENABLE

—TOP VIEW—



| INPUTS |   | OUTPUTS |    |    |    | SELECTED<br>OUTPUT |
|--------|---|---------|----|----|----|--------------------|
| SELECT |   | Y0      | Y1 | Y2 | Y3 |                    |
| B      | A |         |    |    |    |                    |
| 0      | 0 | 0       | 1  | 1  | 1  | Y0                 |
| 0      | 1 | 1       | 0  | 1  | 1  | Y1                 |
| 1      | 0 | 1       | 1  | 0  | 1  | Y2                 |
| 1      | 1 | 1       | 1  | 1  | 0  | Y3                 |

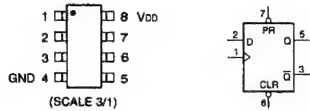
0 : LOW LEVEL  
1 : HIGH LEVEL

TC7W74F (TOSHIBA)CHIP PACKAGE

TC7W74F(TE12R) (TOSHIBA)CHIP PACKAGE

C-MOS D-TYPE FLIP-FLOPS WITH PRESET AND CLEAR

—TOP VIEW—



| TYPE   | V <sub>DD</sub> |
|--------|-----------------|
| 7W74F  | +2 to +6V       |
| 7W74FU | +2 to +5.5V     |

| INPUTS |    | OUTPUTS |      | FUNCTION  |
|--------|----|---------|------|-----------|
| CLR    | PR | Qn      | Qn+1 |           |
| 0      | 1  | X       | X    | CLEAR     |
| 1      | 0  | X       | X    | PRESET    |
| 0      | 0  | X       | X    | —         |
| 1      | 1  | 0       | 0    | —         |
| 1      | 1  | 1       | 1    | —         |
| 1      | 1  | X       | Qn   | NO CHANGE |

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE

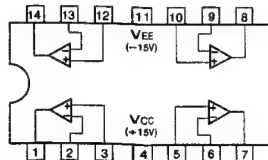
TL084CPW-E05

TL084CPW-E20 (TI)FLAT PACKAGE

OPERATIONAL AMPLIFIER

(J FET INPUT)

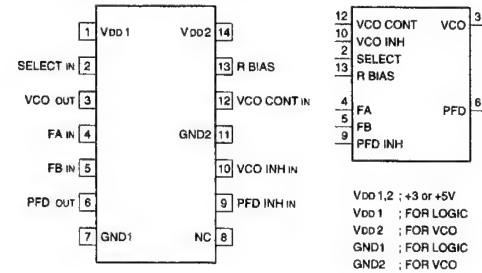
—TOP VIEW—



TLC2932IPW-E20 (TI)

C-MOS VCO AND PHASE FREQUENCY DETECTOR

—TOP VIEW—



VDD 1,2 : +3 or +5V  
VDD 1 : FOR LOGIC  
VDD 2 : FOR VCO  
GND1 : FOR LOGIC  
GND2 : FOR VCO

INPUT

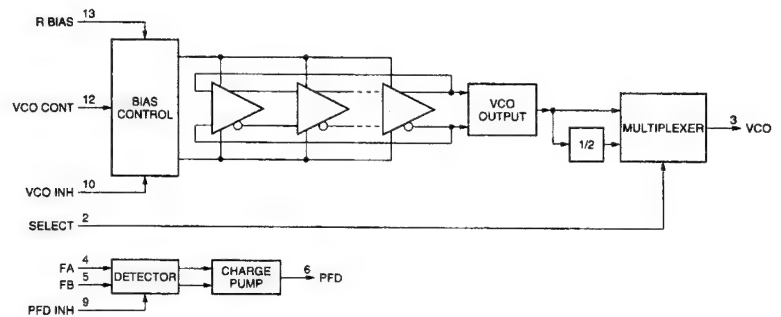
FA : REFERENCE FREQUENCY  
FB : INPUT FREQUENCY FROM OUTSIDE COUNTER  
PFD INH : PFD INHIBIT  
SELECT : VCO OUTPUT FREQUENCY SELECT  
VCO CONT : VCO CONTROL VOLTAGE  
VCO INH : VCO INHIBIT

OUTPUT

PFD : PHASE FREQUENCY DETECTOR  
VCO : VOLTAGE CONTROLLED OSCILLATOR

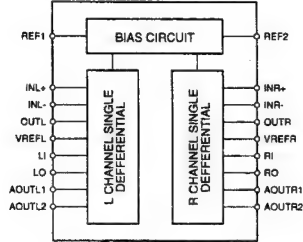
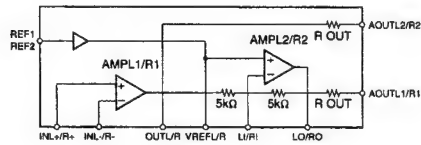
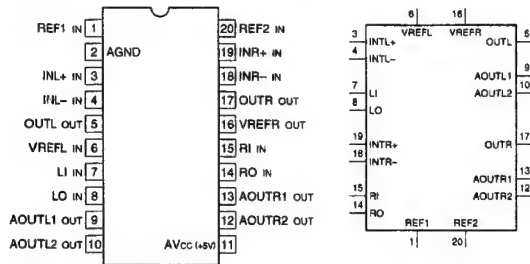
OTHER

R BIAS : BIAS RESISTOR FOR VCO OSCILLATION FREQUENCY SETTING



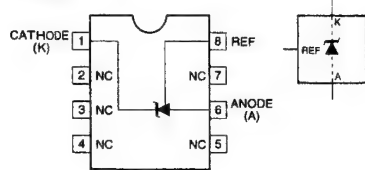
## TL32088CNS-E20 (TI)

PRE-AMP (FOR AUDIO 2 CH A/D CONVERTER)  
-TOP VIEW-



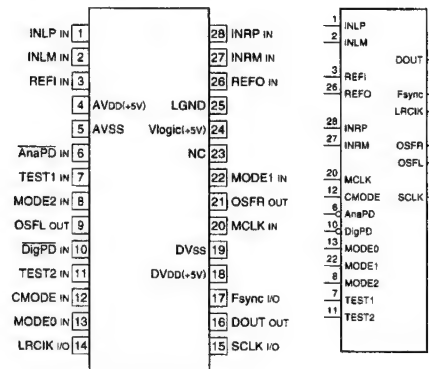
TL431CPS (TI)  
TL431CPS-E05

ADJUSTABLE PRECISION SHUNT REGULATOR  
-TOP VIEW-



## TLC320AD58CDWR (TI)

2CH AUDIO A/D CONVERTER  
-TOP VIEW-

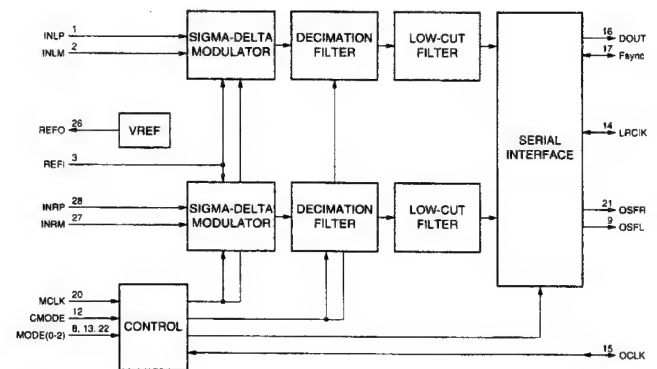


| MODE  | MASTER | bit | MSB/LSB |
|-------|--------|-----|---------|
| 0 1 2 | /SLAVE | 16  | FIRST   |
| 0 0 0 | SLAVE  | 16  | MSB     |
| 0 0 1 | SLAVE  | 16  | LSB     |
| 0 1 0 | SLAVE  | 16  | MSB     |
| 0 1 1 | MASTER | 16  | MSB     |
| 1 0 0 | MASTER | 16  | MSB     |
| 1 0 1 | MASTER | 16  | LSB     |
| 1 1 0 | MASTER | 16  | MSB     |
| 1 1 1 | MASTER | 16  | LSB     |

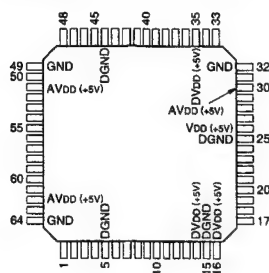
**INPUT**  
AnaPD : ANALOG POWER DOWN MODE  
CMODE : CLOCK MODE  
DigPD : DIGITAL POWER DOWN MODE  
INLM : L-CH INV ANALOG INPUT  
INLP : L-CH NONINV ANALOG INPUT  
INRM : R-CH INV ANALOG INPUT  
INRP : R-CH NONINV ANALOG INPUT  
MCLK : MASTER CLOCK  
MODE0-MODE2 : SERIAL MODE  
REF1 : REFERENCE VOLTAGE INPUT  
REFO : INTERNAL REFERENCE VOLTAGE POWER  
TEST1, TEST2 : TEST MODE

**OUTPUT**  
DOUT : DATA  
OSFLR : L/R-CH OVER SCALE FLAG

**INPUT/OUTPUT**  
Fsync : FRAME SYNCHRONOUS  
LRCIK : LR CLOCK  
SCLK : SHIFT CLOCK

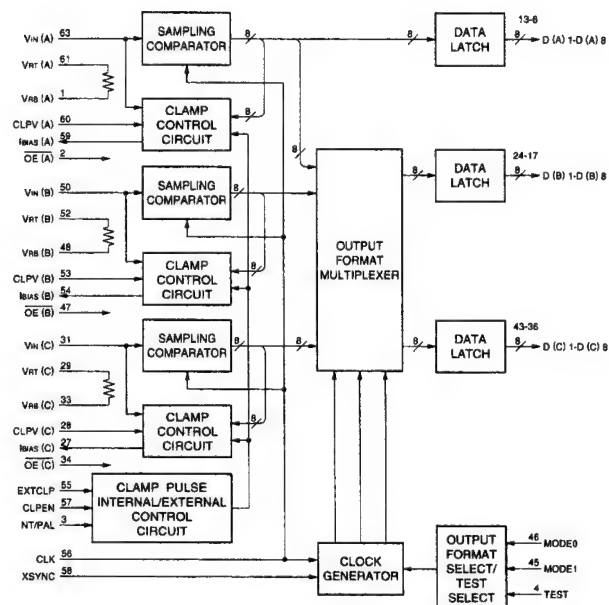


## TLC5733AIPM (TI)

C-MOS 8-BIT 3CHANNEL SEMI-FLASH A/D CONVERTER  
-TOP VIEW-

(DVDD, AVDD = +5 V)

| PIN No. | I/O | SIGNAL              | PIN No. | I/O | SIGNAL    | PIN No. | I/O | SIGNAL              | PIN No. | I/O | SIGNAL              | PIN No. | I/O | SIGNAL              |
|---------|-----|---------------------|---------|-----|-----------|---------|-----|---------------------|---------|-----|---------------------|---------|-----|---------------------|
| 1       | I   | V <sub>RB</sub> (A) | 14      | —   | DVDD (QA) | 27      | —   | IBIAS (C)           | 40      | O   | D (C) 4             | 53      | I   | CLPV (B)            |
| 2       | I   | OE (A)              | 15      | —   | DGND (QB) | 28      | I   | CLPV (C)            | 41      | O   | D (C) 3             | 54      | —   | IBIAS (B)           |
| 3       | I   | NT/PAL              | 16      | —   | DVDD (QB) | 29      | I   | V <sub>RT</sub> (C) | 42      | O   | D (C) 2             | 55      | I   | EXTCLP              |
| 4       | I   | TEST                | 17      | O   | D (B) 8   | 30      | —   | AVDD (C)            | 43      | O   | D (C) 1             | 56      | I   | CLK                 |
| 5       | —   | DGND (QA)           | 18      | O   | D (B) 7   | 31      | I   | V <sub>IN</sub> (C) | 44      | —   | DGND (QC)           | 57      | I   | CLPEN               |
| 6       | O   | D (A) 8             | 19      | O   | D (B) 6   | 32      | —   | GND (C)             | 45      | I   | MODE1               | 58      | I   | XSYNC               |
| 7       | O   | D (A) 7             | 20      | O   | D (B) 5   | 33      | I   | V <sub>RB</sub> (C) | 46      | I   | MODE0               | 59      | —   | IBIAS (A)           |
| 8       | O   | D (A) 6             | 21      | O   | D (B) 4   | 34      | I   | OE (C)              | 47      | I   | OE (B)              | 60      | I   | CLPV (A)            |
| 9       | O   | D (A) 5             | 22      | O   | D (B) 3   | 35      | —   | DVDD (QC)           | 48      | I   | V <sub>RB</sub> (B) | 61      | I   | V <sub>RT</sub> (A) |
| 10      | O   | D (A) 4             | 23      | O   | D (B) 2   | 36      | O   | D (C) 6             | 49      | —   | GND (B)             | 62      | —   | AVDD (A)            |
| 11      | O   | D (A) 3             | 24      | O   | D (B) 1   | 37      | O   | D (C) 7             | 50      | I   | V <sub>IN</sub> (B) | 63      | I   | V <sub>IN</sub> (A) |
| 12      | O   | D (A) 2             | 25      | —   | DGND      | 38      | O   | D (C) 6             | 51      | —   | AVDD (B)            | 64      | —   | GND (A)             |
| 13      | O   | D (A) 1             | 26      | —   | DVDD      | 39      | O   | D (C) 5             | 52      | I   | V <sub>RT</sub> (B) |         |     |                     |



| PIN No. | I/O                 | SIGNAL  | PIN No. | I/O                 | SIGNAL  | PIN No. | I/O                 | SIGNAL  | PIN No. | I/O                 | SIGNAL  |
|---------|---------------------|---------|---------|---------------------|---------|---------|---------------------|---------|---------|---------------------|---------|
| 63      | V <sub>IN</sub> (A) | D (A) 8 | 7       | V <sub>IN</sub> (B) | D (A) 7 | 8       | V <sub>IN</sub> (C) | D (A) 6 | 9       | CLPV (A)            | D (A) 4 |
| 50      | V <sub>RT</sub> (A) | D (B) 5 | 17      | V <sub>RT</sub> (B) | D (B) 4 | 18      | V <sub>RT</sub> (C) | D (B) 3 | 19      | EXTCLP              | D (C) 1 |
| 31      | V <sub>IN</sub> (C) | D (A) 6 | 20      | V <sub>RB</sub> (A) | D (B) 5 | 21      | V <sub>RB</sub> (B) | D (B) 4 | 22      | V <sub>RB</sub> (C) | D (B) 3 |
| 60      | CLPV (A)            | D (A) 4 | 23      | V <sub>RT</sub> (A) | D (B) 5 | 24      | V <sub>RT</sub> (B) | D (B) 4 | 25      | V <sub>RT</sub> (C) | D (B) 3 |
| 53      | CLPV (B)            | D (A) 3 | 26      | V <sub>RT</sub> (A) | D (B) 5 | 27      | V <sub>RT</sub> (B) | D (B) 4 | 28      | V <sub>RT</sub> (C) | D (B) 3 |
| 28      | CLPV (C)            | D (A) 2 | 29      | V <sub>RT</sub> (A) | D (B) 5 | 30      | V <sub>RT</sub> (B) | D (B) 4 | 31      | V <sub>RT</sub> (C) | D (B) 3 |
| 1       | V <sub>RB</sub> (A) | D (B) 5 | 32      | V <sub>RT</sub> (A) | D (B) 5 | 33      | V <sub>RT</sub> (B) | D (B) 4 | 34      | V <sub>RT</sub> (C) | D (B) 3 |
| 48      | V <sub>RB</sub> (B) | D (B) 4 | 35      | V <sub>RT</sub> (A) | D (B) 5 | 36      | V <sub>RT</sub> (B) | D (B) 4 | 37      | V <sub>RT</sub> (C) | D (B) 3 |
| 33      | V <sub>RB</sub> (C) | D (B) 3 | 38      | V <sub>RT</sub> (A) | D (B) 5 | 39      | V <sub>RT</sub> (B) | D (B) 4 | 40      | V <sub>RT</sub> (C) | D (B) 3 |
| 61      | V <sub>RT</sub> (A) | D (B) 5 | 41      | V <sub>RT</sub> (A) | D (B) 5 | 42      | V <sub>RT</sub> (B) | D (B) 4 | 43      | V <sub>RT</sub> (C) | D (B) 3 |
| 52      | V <sub>RT</sub> (B) | D (B) 4 | 44      | V <sub>RT</sub> (A) | D (B) 5 | 45      | V <sub>RT</sub> (B) | D (B) 4 | 46      | V <sub>RT</sub> (C) | D (B) 3 |
| 29      | V <sub>RT</sub> (C) | D (B) 3 | 47      | V <sub>RT</sub> (A) | D (B) 5 | 48      | V <sub>RT</sub> (B) | D (B) 4 | 49      | V <sub>RT</sub> (C) | D (B) 3 |
| 13      | D (A) 1             | D (B) 1 | 50      | V <sub>RT</sub> (A) | D (B) 5 | 51      | V <sub>RT</sub> (B) | D (B) 4 | 52      | V <sub>RT</sub> (C) | D (B) 3 |
| 47      | OE (A)              | D (B) 1 | 53      | V <sub>RT</sub> (A) | D (B) 5 | 54      | V <sub>RT</sub> (B) | D (B) 4 | 55      | V <sub>RT</sub> (C) | D (B) 3 |
| 34      | OE (B)              | D (B) 1 | 56      | V <sub>RT</sub> (A) | D (B) 5 | 57      | V <sub>RT</sub> (B) | D (B) 4 | 58      | V <sub>RT</sub> (C) | D (B) 3 |
| 46      | MODE0               | D (C) 6 | 59      | V <sub>RT</sub> (A) | D (B) 5 | 60      | V <sub>RT</sub> (B) | D (B) 4 | 61      | V <sub>RT</sub> (C) | D (B) 3 |
| 45      | MODE1               | D (C) 5 | 62      | V <sub>RT</sub> (A) | D (B) 5 | 63      | V <sub>RT</sub> (B) | D (B) 4 | 64      | V <sub>RT</sub> (C) | D (B) 3 |
| 56      | CLK                 | D (C) 3 | 64      | V <sub>RT</sub> (A) | D (B) 5 | 65      | V <sub>RT</sub> (B) | D (B) 4 | 66      | V <sub>RT</sub> (C) | D (B) 3 |
| 57      | CLPEN               | D (C) 2 | 67      | V <sub>RT</sub> (A) | D (B) 5 | 68      | V <sub>RT</sub> (B) | D (B) 4 | 69      | V <sub>RT</sub> (C) | D (B) 3 |
| 55      | EXTCLP              | D (C) 1 | 70      | V <sub>RT</sub> (A) | D (B) 5 | 71      | V <sub>RT</sub> (B) | D (B) 4 | 72      | V <sub>RT</sub> (C) | D (B) 3 |
| 3       | NT/PAL              | D (C) 1 | 73      | V <sub>RT</sub> (A) | D (B) 5 | 74      | V <sub>RT</sub> (B) | D (B) 4 | 75      | V <sub>RT</sub> (C) | D (B) 3 |
| 4       | TEST                | D (C) 1 | 76      | V <sub>RT</sub> (A) | D (B) 5 | 77      | V <sub>RT</sub> (B) | D (B) 4 | 78      | V <sub>RT</sub> (C) | D (B) 3 |
| 58      | XSYNC               | D (C) 1 | 79      | V <sub>RT</sub> (A) | D (B) 5 | 80      | V <sub>RT</sub> (B) | D (B) 4 | 81      | V <sub>RT</sub> (C) | D (B) 3 |
| 59      | IBIAS (A)           | D (C) 1 | 82      | V <sub>RT</sub> (A) | D (B) 5 | 83      | V <sub>RT</sub> (B) | D (B) 4 | 84      | V <sub>RT</sub> (C) | D (B) 3 |
| 54      | IBIAS (B)           | D (C) 1 | 85      | V <sub>RT</sub> (A) | D (B) 5 | 86      | V <sub>RT</sub> (B) | D (B) 4 | 87      | V <sub>RT</sub> (C) | D (B) 3 |
| 27      | IBIAS (C)           | D (C) 1 | 88      | V <sub>RT</sub> (A) | D (B) 5 | 89      | V <sub>RT</sub> (B) | D (B) 4 | 90      | V <sub>RT</sub> (C) | D (B) 3 |

## INPUT

CLK : CLOCK  
CLPEN : CLAMP ENABLE FOR INTERNAL CLAMP CIRCUIT  
CLPV (A) - CLPV (C) : CLAMPING LEVEL OF ADC  
EXTCLP : EXTERNAL CLAMP PULSE  
MODE0, MODE1 : OUTPUT FORMAT MODE SELECT  
NT/PAL : NTSC/PAL CONTROL (NTSC = 0, PAL = 1)  
OE (A) - OE (C) : OUTPUT ENABLE OF DATA  
TEST : TEST = 1, DEVICE = 0  
V<sub>IN</sub> (A) - V<sub>IN</sub> (C) : ANALOG INPUT OF ADC  
V<sub>RB</sub> (A) - V<sub>RB</sub> (C) : REFERENCE VOLTAGE BOTTOM OF ADC  
V<sub>RT</sub> (A) - V<sub>RT</sub> (C) : REFERENCE VOLTAGE TOP OF ADC  
XSYNC : OUTPUT SYNCHRONOUS

## OUTPUT

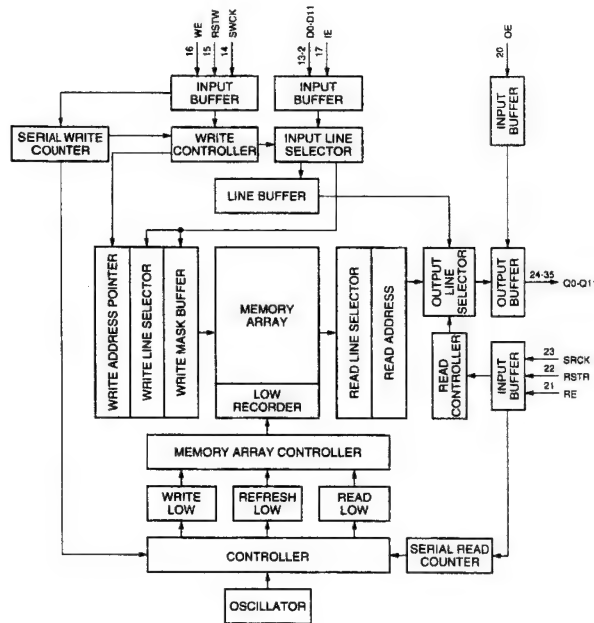
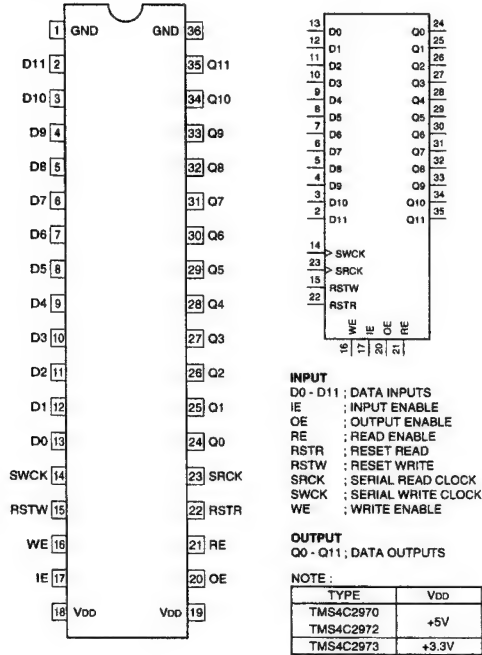
D (A) 1 - D (A) 8 : DATA OUTPUT OF ADC A  
D (B) 1 - D (B) 8 : DATA OUTPUT OF ADC B  
D (C) 1 - D (C) 8 : DATA OUTPUT OF ADC C

## OTHER

DGND : DIGITAL GROUND  
DGND (QA) - DGND (QC) : DIGITAL GROUND FOR OUTPUT OF ADC  
GND (A) - GND (C) : GROUND OF ADC  
IBIAS (A) - IBIAS (C) : CLAMPING BIAS CURRENT OF ADC  
AVDD (A) - AVDD (C) : ANALOG VDD OF ADC  
DVDD : DIGITAL VDD  
DVDD (QA) - DVDD (QC) : DIGITAL VDD FOR OUTPUT OF ADC

### TMS4C2973-26DTR (TI) FLAT PACKAGE

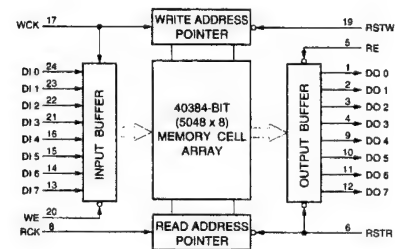
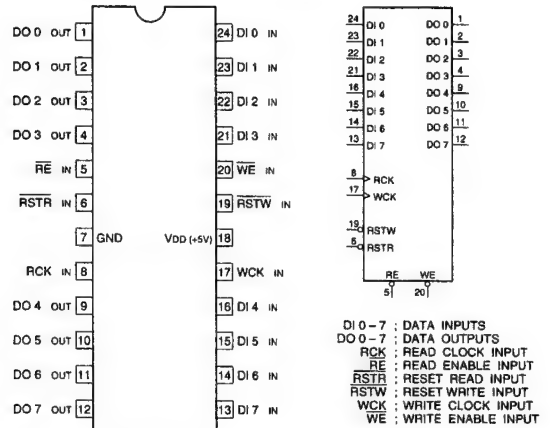
C-MOS 2.9M (245,760-WORDx12) BITS FIELD MEMORY  
-TOP VIEW-



NOTE:  
TMS4C2972 AND TMS4C2973 ALLOW BLOCK RANDOM ACCESS.

### UPD485505G-35 (NEC) FLAT PACKAGE UPD485505G-35-E2

C-MOS 40K (5,048 x 8)-BIT FIFO MEMORY  
-TOP VIEW-





## SECTION 15

### SPARE PARTS AND OPTIONAL FIXTURES

#### 15-1. NOTES ON SPARE PARTS

##### (1) Safety Related Components Warning

Components identified by shading marked with  $\Delta$  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

##### (2) Standardization of Parts

Replace Parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts."

##### (3) Stocked of Parts

The parts marked with "s" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

##### (4) Units of Capacitors, Inductors, and Resistors

The following units are omitted in the schematic diagrams, exploded views, and electrical part lists unless otherwise specified;

Capacitor :  $\mu\text{F}$   
Inductors :  $\mu\text{H}$   
Resistors :  $\Omega$

#### 15-1. 補修用部品注意事項

##### (1) 安全重要部品

回路図、分解図、電気部品表中、 $\Delta$ 印の部品は安全性を維持するために重要な部品です。したがって、これらの部品を交換する場合は必ず指定の部品と交換してください。

##### (2) 部品の共通化

ソニーから供給される部品はセットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。分解図や電気部品表中には現時点での共通化された部品が記載されています。

##### (3) 部品在庫

SP (Supply code) 欄が "o" で示されている部品は交換頻度が低い部品であるので在庫していないことがあり、納期が長くなることがあります。

##### (4) コンデンサ、インダクタ、抵抗の単位

回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

コンデンサー :  $\mu\text{F}$   
インダクター :  $\mu\text{H}$   
抵抗 :  $\Omega$

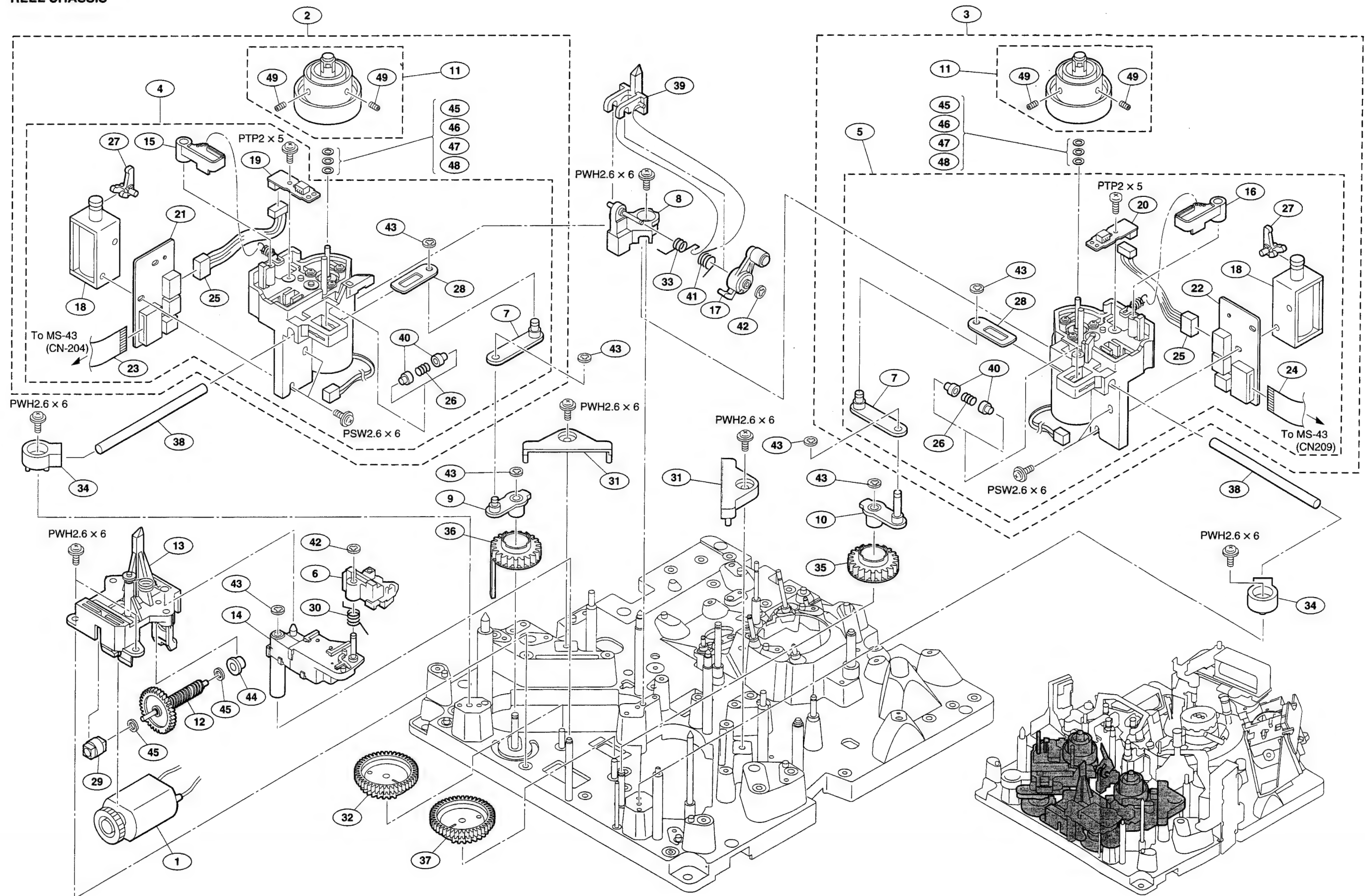
## REEL CHASSIS

### 15-2. EXPLODED VIEWS

#### REEL CHASSIS

| No. | Parts No.    | SP | Description                   | No. | Parts No.    | SP | Description                     |
|-----|--------------|----|-------------------------------|-----|--------------|----|---------------------------------|
| 1   | A-8278-411-A | s  | MOTOR ASSY, RS                | 41  | 3-605-988-01 | s  | SPRING, C.R PUSH                |
| 2   | A-8311-186-A | s  | BLOCK (S) ASSY, REEL          | 42  | 3-669-465-01 | s  | WASHER (1.5), STOPPER           |
| 3   | A-8311-187-A | s  | BLOCK (T) ASSY, REEL          | 43  | 3-669-596-00 | s  | WASHER (2.3), STOPPER           |
| 4   | A-8311-188-A | s  | TABLE (S) ASSY, RS            | 44  | 3-683-089-01 | s  | BEARING(S)                      |
| 5   | A-8311-189-A | s  | TABLE (T) ASSY, RS            | 45  | 3-701-437-61 | s  | WASHER                          |
| 6   | A-8311-617-B | s  | HOLDER (E) BLOCK ASSY, MIC    | 46  | 3-701-437-11 | s  | WASHER                          |
| 7   | X-3678-717-1 | s  | ROD ASSY, CRANK               | 47  | 3-701-437-21 | s  | WASHER                          |
| 8   | X-3678-722-2 | s  | RETAINER(A) ASSY, SHAFT       | 48  | 3-701-437-91 | s  | WASHER                          |
| 9   | X-3678-750-1 | s  | ARM S ASSY, CRANK             | 49  | 3-605-865-01 | s  | HEXAGON SOCKET SET SCREW WP 2X3 |
| 10  | X-3678-751-1 | s  | ARM T ASSY, CRANK             |     |              |    |                                 |
| 11  | X-3678-761-5 | s  | ASSY, REEL DECK               |     |              |    |                                 |
| 12  | X-3678-771-1 | s  | GEAR ASSY, WORM               |     |              |    |                                 |
| 13  | X-3678-782-1 | s  | CASE SUB ASSY, WORM GEAR      |     |              |    |                                 |
| 14  | X-3678-783-4 | s  | ARM ASSY, MIC                 |     |              |    |                                 |
| 15  | X-3678-873-1 | s  | ASSY, BRAKE(S)                |     |              |    |                                 |
| 16  | X-3678-874-1 | s  | ASSY, BRAKE(T)                |     |              |    |                                 |
| 17  | X-3678-958-2 | s  | PUSH ARM ASSY, C.R            |     |              |    |                                 |
| 18  | 1-454-787-12 | s  | SOLENOID, PLUNGER             |     |              |    |                                 |
| 19  | 1-662-914-11 | o  | PRINTED CIRCUIT BOARD, SE-315 |     |              |    |                                 |
| 20  | 1-662-915-11 | o  | PRINTED CIRCUIT BOARD, SE-361 |     |              |    |                                 |
| 21  | 1-662-916-11 | o  | PRINTED CIRCUIT BOARD, RM-159 |     |              |    |                                 |
| 22  | 1-662-917-11 | o  | PRINTED CIRCUIT BOARD, RM-160 |     |              |    |                                 |
| 23  | 1-777-534-11 | s  | WIRE (FLAT TYPE) (9 CORE) (S) |     |              |    |                                 |
| 24  | 1-777-731-11 | s  | WIRE (FLAT TYPE) (9 CORE) (T) |     |              |    |                                 |
| 25  | 1-956-616-11 | o  | HARNES, SUB (FG)              |     |              |    |                                 |
| 26  | 3-370-323-01 | s  | SPRING, COMPRESSION           |     |              |    |                                 |
| 27  | 3-603-908-01 | s  | ARM, RELEASE, BRAKE           |     |              |    |                                 |
| 28  | 3-603-953-01 | s  | BRACKET, LIMITER              |     |              |    |                                 |
| 29  | 3-604-444-01 | s  | RETAINER, SHAFT               |     |              |    |                                 |
| 30  | 3-604-495-01 | s  | SPRING, HOLDER                |     |              |    |                                 |
| 31  | 3-604-500-01 | s  | GUIDE, PLATE                  |     |              |    |                                 |
| 32  | 3-604-501-01 | s  | WHEEL(S), WORM                |     |              |    |                                 |
| 33  | 3-604-502-01 | s  | SPRING, RLR                   |     |              |    |                                 |
| 34  | 3-604-503-01 | s  | RETAINER(B), SHAFT            |     |              |    |                                 |
| 35  | 3-604-533-01 | s  | GEAR(T), CRANK                |     |              |    |                                 |
| 36  | 3-604-534-01 | s  | GEAR(S), CRANK                |     |              |    |                                 |
| 37  | 3-604-556-01 | s  | WHEEL(T), WORM                |     |              |    |                                 |
| 38  | 3-604-652-01 | s  | SHAFT, SLIDE                  |     |              |    |                                 |
| 39  | 3-604-681-02 | s  | RELEASE LEVER, REEL LOCK      |     |              |    |                                 |
| 40  | 3-604-846-01 | s  | HOLDER, LIMITER               |     |              |    |                                 |

REEL CHASSIS





**S ARM ASSY & GEAR BOX ASSY**

| No. | Parts No.    | SP | Description                   |
|-----|--------------|----|-------------------------------|
| 101 | A-8278-409-B | s  | PRESS ASSY, PINCH             |
| 102 | A-8278-410-B | s  | MOTOR ASSY                    |
| 103 | A-8312-672-A | s  | ARM ASSY, S                   |
| 104 | X-3678-711-1 | s  | ROLLER ASSY, TR               |
| 105 | X-3678-723-1 | s  | ROLLER ASSY, GUIDE            |
| 106 | X-3678-747-1 | s  | BASE ASSY, P                  |
| 107 | X-3604-922-1 | s  | TG-12 ASSY                    |
| 108 | X-3678-762-1 | s  | ROLLER ASSY, TG2 GUIDE        |
| 109 | X-3678-769-2 | s  | ARM ASSY, DRIVING, T          |
| 110 | X-3678-770-2 | s  | ARM ASSY, T PULL              |
| 111 | X-3678-772-4 | s  | BASE ASSY, GEAR BOX           |
| 112 | 1-454-337-21 | s  | SOLENOID, PLUNGER             |
| 113 | 1-662-912-11 | s  | PRINTED CIRCUIT BOARD, PTC-88 |
| 114 | 1-956-617-11 | o  | HARNESS, SUB (THREADING)      |
| 115 | 1-956-620-11 | o  | HARNESS, SUB (1TREG)          |
| 116 | 2-270-832-11 | s  | SPRING, TENSION               |
| 117 | 3-603-903-01 | s  | FLANGE, LOWER                 |
| 118 | 3-603-904-01 | s  | FLANGE, UPPER                 |
| 119 | 3-603-924-01 | s  | WHEEL, WORM                   |
| 120 | 3-603-925-02 | s  | SPRING(B), TORSION            |
| 121 | 3-604-442-01 | s  | RUBBER, LIMITTER              |
| 122 | 3-604-443-01 | s  | GEAR, LIMITER                 |
| 123 | 3-604-444-01 | s  | RETAINER, SHAFT               |
| 124 | 3-604-447-01 | s  | SPRING, T ARM                 |
| 125 | 3-604-483-01 | s  | GEAR, CAM                     |
| 126 | 3-604-484-01 | s  | SPRING, DRIVING ARM           |
| 127 | 3-604-487-01 | s  | GEAR, WORM                    |
| 128 | 3-604-489-01 | s  | LEVER, P PRESS                |
| 129 | 3-604-490-01 | s  | P LIMITER                     |
| 130 | 3-604-492-01 | s  | SUB BASE, P                   |
| 131 | 3-669-465-01 | s  | WASHER (1.5), STOPPER         |
| 132 | 3-669-596-00 | s  | WASHER (2.3), STOPPER         |
| 133 | 3-701-437-21 | s  | WASHER                        |
| 134 | 3-701-439-11 | s  | WASHER                        |
| 135 | 3-722-156-01 | s  | SPRING, COMPRESSION           |
| 136 | 4-611-326-01 | o  | SPACER (4X6)                  |
| 137 | 9-910-999-31 | s  | SPACER (3X18)                 |



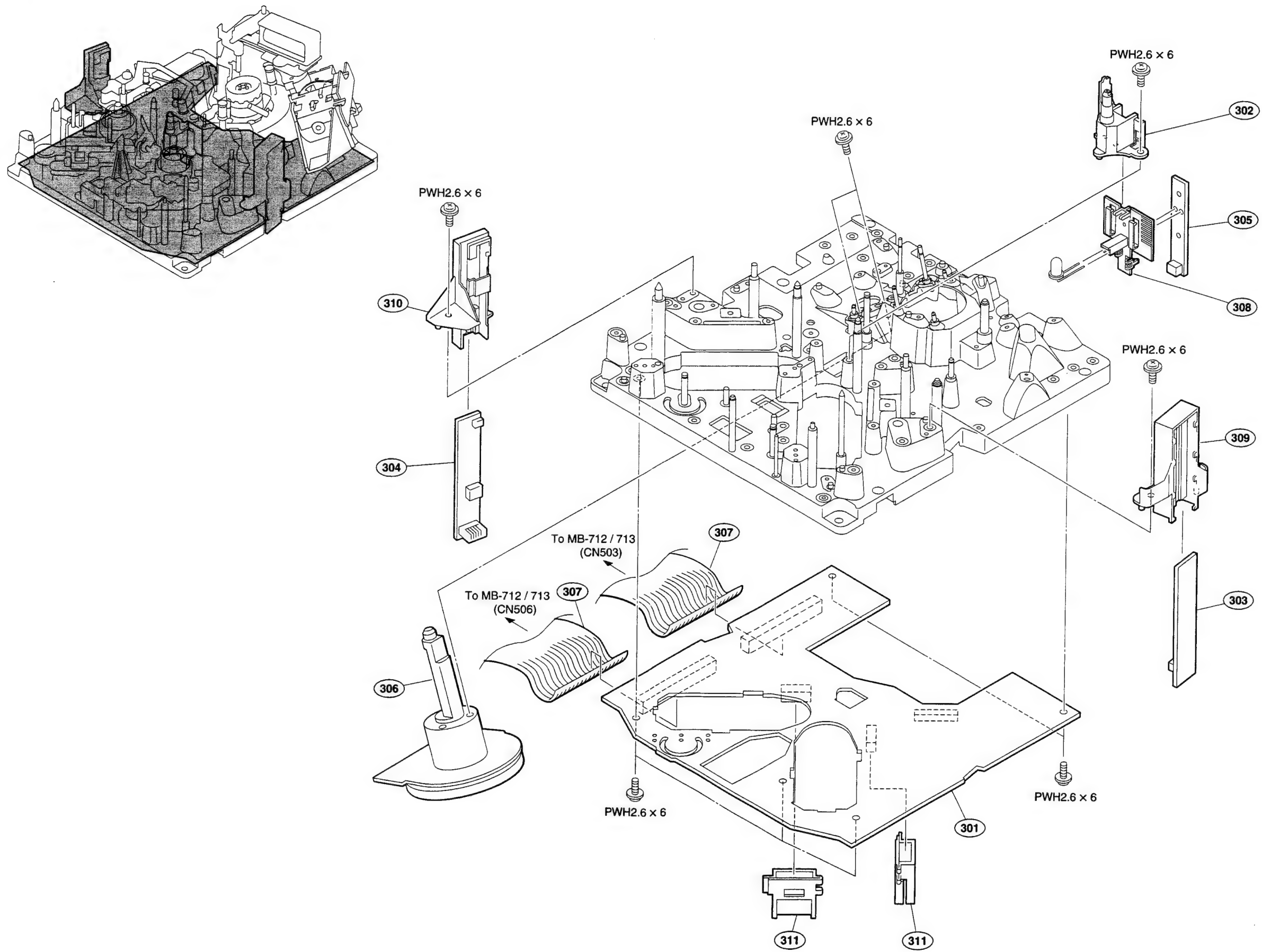
## DRUM & THREADING RING

### DRUM & THREADING RING

| No. | Parts No.    | SP | Description                               |
|-----|--------------|----|---|
| 201 | A-8278-388-C | s  | TG-6 ASSY                                 |
| 202 | A-8278-414-K | s  | RING ASSY, LOADING                        |
| 203 | A-8278-477-B | s  | DRIVE ASSY, HC                            |
| 204 | A-8312-011-E | s  | HC ASSY (FOR DSR-60/60P)                  |
| 204 | A-8316-539-B | s  | HC ASSY (2) (FOR DSR-80/80P)              |
| 205 | A-8315-156-A | s  | HEAD DRUM ASSY, DEH-05A-R(FOR DSR-60/60P) |
| 206 | X-3678-718-1 | s  | ROLLER ASSY, PRECEDING                    |
| 207 | X-3678-723-1 | s  | ROLLER ASSY, GUIDE                        |
| 208 | X-3678-746-1 | s  | ARM ASSY, PINCH ROLLER                    |
| 209 | X-3678-758-2 | s  | ARM ASSY, S ROLLER                        |
| 210 | X-3678-899-4 | s  | BASE ASSY, TC                             |
| 211 | X-3678-939-1 | o  | BASE ASSY, SOL                            |
| 212 | X-3678-945-1 | o  | ARM ASSY, SOL DRIVE                       |
| 213 | X-3678-953-1 | s  | STOPPER ASSY, HC BASE                     |
| 214 | 1-454-337-21 | s  | SOLENOID, PLUNGER                         |
| 215 | 1-662-908-11 | s  | PRINTED CIRCUIT BOARD, PTC-84             |
| 216 | 1-801-573-12 | s  | SENSOR, DEW CONDENSATION                  |
| 217 | 1-956-623-11 | o  | HARNES, SUB (TH/UNTH)                     |
| 218 | 3-953-138-01 | s  | SPRING, COMPRESSION                       |
| 219 | 3-531-576-11 | s  | RIVET                                     |
| 220 | 3-603-919-03 | s  | FLANGE, PRECEDING UPPER                   |
| 221 | 3-603-931-03 | s  | FLANGE, TG-6, UPPER                       |
| 222 | 3-603-932-02 | s  | SPRING, COMPRESSION                       |
| 223 | 3-604-446-01 | s  | SPRING, PINCH ARM                         |
| 224 | 3-604-563-04 | s  | FLANGE, PRECEDING LOWER                   |
| 225 | 3-604-564-02 | s  | ROLLER, RING                              |
| 226 | 3-604-644-01 | s  | GEAR S, PULL                              |
| 227 | 3-604-649-01 | s  | SPRING, S LIMITER                         |
| 228 | X-3604-614-1 | s  | FLANGE ASSY, GUIDE                        |
| 229 | 3-604-790-02 | s  | GUIDE, TAPE                               |
| 230 | 3-604-791-02 | s  | FLANGE, TG-6 LOWER                        |
| 231 | 3-605-805-01 | o  | SPACER, SOL                               |
| 232 | 3-605-807-01 | o  | ARM, LIMITTER SOL                         |
| 233 | 3-605-812-01 | o  | SPRING, SOL ARM                           |
| 234 | 3-606-102-02 | o  | SLIDER, SOL                               |
| 235 | 3-642-719-01 | s  | SPACER (2.6X11)                           |
| 236 | 3-657-086-00 | o  | SPACER (3X20)                             |
| 237 | 3-669-465-01 | s  | WASHER (1.5), STOPPER                     |
| 238 | 3-669-596-00 | s  | WASHER (2.3), STOPPER                     |
| 239 | 3-698-829-01 | s  | NUT (M2)                                  |
| 240 | 3-701-437-11 | s  | WASHER                                    |
| 241 | 3-701-439-21 | s  | WASHER                                    |
| 242 | 3-701-441-21 | s  | WASHER                                    |
| 243 | A-8315-493-A | s  | HEAD DRUM ASSY, DEH-06A-R(FOR DSR-80/80P) |
| 244 | 3-608-501-02 | s  | SUPPORT, GUIDE                            |
| 245 | 3-722-156-01 | s  | SPRING, COMPRESSION                       |



CAPSTAN MOTOR



## ORNAMENTAL PANEL BLOCK

### ORNAMENTAL PANEL BLOCK

| No. | Parts No.      | SP | Description                                     |
|-----|----------------|----|---|
| 401 | A-8277-912-A   | o  | MOUNTED CIRCUIT BOARD, HP-73                    |
| 402 | A-8277-913-A   | o  | MOUNTED CIRCUIT BOARD, FP-75                    |
| 403 | A-8311-890-D   | o  | CASE ASSY, MENU PANEL                           |
| 404 | A-8312-948-A   | o  | MOUNTED CIRCUIT BOARD, RP-103 (FOR DSR-60/60P)  |
| 405 | A-8312-955-A   | o  | MOUNTED CIRCUIT BOARD, KY-336B (FOR DSR-60/60P) |
| 406 | X-3678-708-3   | s  | FOOT, ASSY                                      |
| 407 | X-3678-987-2   | s  | PANEL SUB ASSY, FRONT (FOR DSR-60)              |
| 408 | X-3678-988-2   | s  | KEY ASSY, MENU-PANEL B (FOR DSR-60/60P)         |
| 409 | X-3678-989-2   | s  | PANEL SUB ASSY, FRONT (FOR DSR-60P)             |
| 410 | △ 1-570-117-31 | s  | SWITCH, SEESAW (AC POWER)                       |
| 411 | 1-777-531-12   | s  | WIRE, FLEXIBLE CARD 11P                         |
| 412 | 1-777-537-11   | s  | WIRE (FLAT TYPE) (36 CORE)                      |
| 413 | 1-956-618-11   | o  | HARNESS, SUB (HP-MB)                            |
| 414 | △ 1-956-621-11 | s  | HARNESS, SUB (AC SW)                            |
| 415 | 3-174-264-01   | s  | SCREW (+) (B4X8) (CU,NI)                        |
| 416 | 3-604-557-02   | s  | KNOB, HP VOL                                    |
| 417 | 3-604-560-01   | o  | BRACKET, HP                                     |
| 418 | 3-605-529-01   | s  | HOLDER, MINI-SIDE&FL                            |
| 419 | 3-605-629-02   | o  | CASE, U   |
| 420 | 3-605-631-02   | s  | CAP, SWITCH                                     |
| 421 | 3-605-632-02   | o  | PLATE, TOP                                      |
| 422 | 3-606-333-03   | o  | GUIDE E, PCB                                    |
| 423 | 3-606-336-01   | o  | GUIDE F, PCB                                    |
| 424 | 3-606-337-01   | o  | GUIDE G, PCB                                    |
| 425 | 3-650-537-00   | o  | WASHER  |
| 426 | 3-688-814-31   | s  | CAP, SWITCH                                     |
| 427 | 3-717-380-01   | o  | GUARD, REC                                      |
| 428 | 3-717-394-03   | o  | PLATE (SMALL), ORNAMENTAL, SW                   |
| 429 | 3-953-235-21   | s  | DAMPER, OIL                                     |
| 430 | 3-604-558-02   | s  | KNOB, AU VOL (FOR DSR-80/80P)                   |
| 431 | X-3679-320-2   | s  | PANEL SUB ASSY, FRONT (FOR DSR-80)              |
| 432 | X-3679-321-2   | s  | PANEL SUB ASSY, FRONT (FOR DSR-80P)             |
| 433 | X-3678-922-2   | s  | KEY ASSY, MENU-PANEL (FOR DSR-80/80P)           |
| 434 | 3-605-444-01   | o  | GUIDE D, PCB (FOR DSR-80/80P)                   |
| 435 | A-8277-878-A   | o  | MOUNTED CIRCUIT BOARD, KY-336 (FOR DSR-80/80P)  |

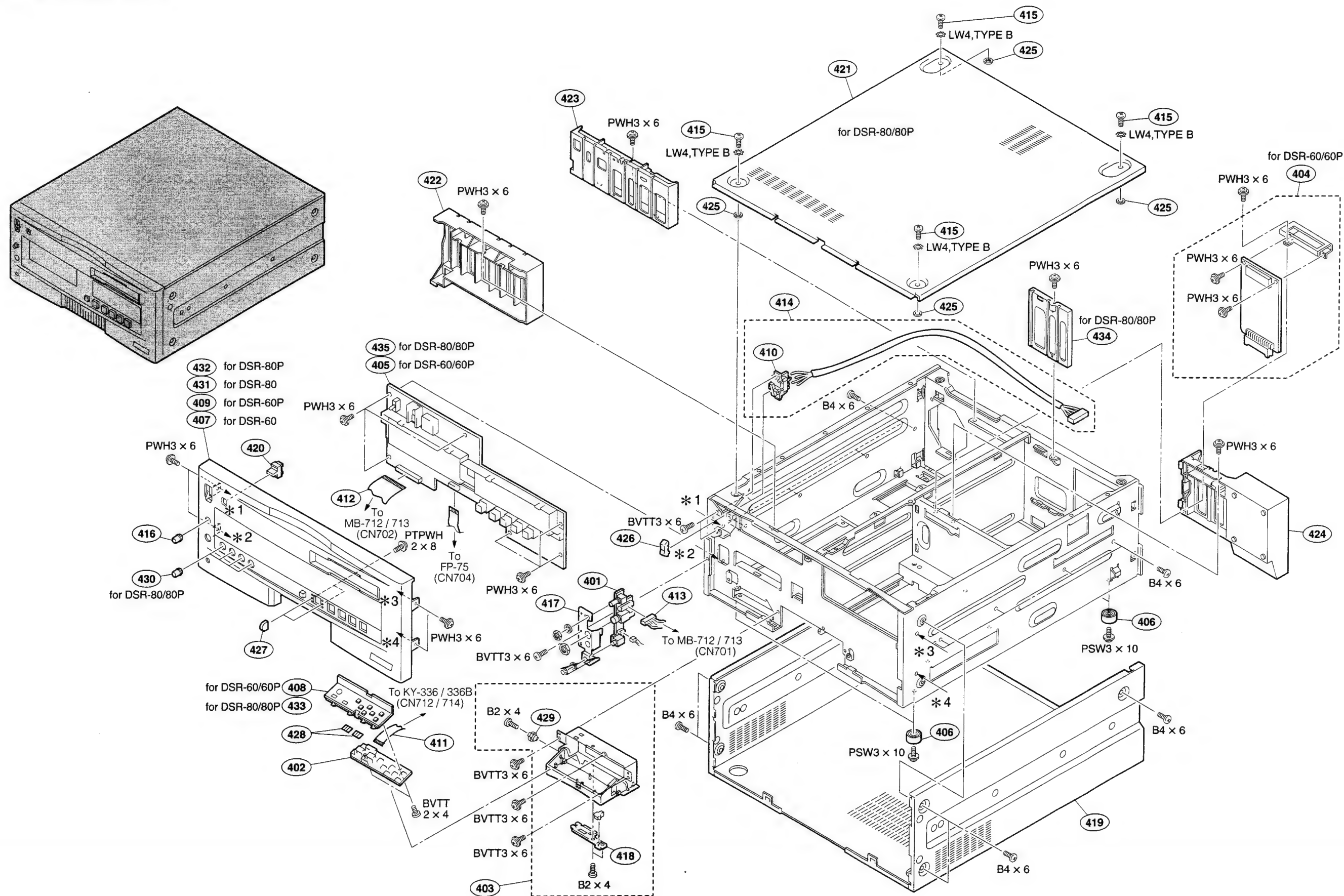
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**CAPSTAN MOTOR**  
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| No. | Parts No.    | SP | Description                   |
|-----|--------------|----|-------------------------------|
| 301 | A-8312-024-A | o  | MOUNTED CIRCUIT BOARD, MS-43  |
| 302 | X-3678-721-4 | s  | ASSY, PRISM                   |
| 303 | 1-662-909-11 | s  | PRINTED CIRCUIT BOARD, PTC-85 |
| 304 | 1-662-910-11 | s  | PRINTED CIRCUIT BOARD, PTC-86 |
| 305 | 1-662-911-11 | s  | PRINTED CIRCUIT BOARD, PTC-87 |
| 306 | 1-698-881-11 | s  | MOTOR, DC (CAPSTAN)           |
| 307 | 1-777-537-11 | s  | WIRE (FLAT TYPE) (36 CORE)    |
| 308 | 3-603-920-03 | o  | HOLDER, LED                   |
| 309 | 3-604-493-01 | s  | HOLDER, TOP SENSOR            |
| 310 | 3-604-494-01 | s  | HOLDER, END SENSOR            |
| 311 | 3-604-657-01 | s  | HOLDER, FLAT CABLE            |



## ORNAMENTAL PANEL BLOCK

## ORNAMENTAL PANEL BLOCK





## CASSETTE COMPARTMENT ASSY & MB BOARD

### ----- CASSETTE COMPARTMENT ASSY & MB BOARD -----

| No. | Parts No.    | SP | Description                                    |
|-----|--------------|----|--|
| 501 | A-8278-410-B | s  | MOTOR ASS'Y                                    |
| 502 | A-8278-444-B | o  | CLAMP ASSY, CASECON                            |
| 503 | A-8278-503-B | o  | CLAMP(LB) ASSY, PCB                            |
| 504 | A-8278-507-C | o  | CLAMPER LC ASSY, PCB                           |
| 505 | A-8312-671-A | s  | CASSETTE COMPARTMENT ASSY                      |
| 506 | A-8312-898-A | o  | MOUNTED CIRCUIT BOARD, MB-713                  |
| 507 | A-8312-950-A | o  | MOUNTED CIRCUIT BOARD, PRE-39 (FOR DSR-60/60P) |
| 508 | A-8315-287-A | o  | MOUNTED CIRCUIT BOARD, PRE-34 (FOR DSR-80/80P) |
| 509 | 1-777-533-11 | s  | WIRE (FLAT TYPE) (13 CORE)                     |
| 510 | 1-782-418-11 | s  | WIRE (FLAT CABLE) (14 CORE) (FOR DSR-60/60P)   |
| 511 | 3-605-824-04 | o  | CASE, BOTTOM                                   |
| 512 | 3-605-825-01 | o  | CASE HOLDER, BOTTOM                            |
| 513 | 3-608-822-02 | o  | SHAFT, RM (FOR DSR-80/80P)                     |
| 514 | 3-608-823-02 | o  | RUBBER, WASHER (FOR DSR-80/80P)                |
| 515 | 1-782-419-11 | s  | WIRE (FLAT TYPE) (22 CORE) (FOR DSR-80/80P)    |

## CARD RACK BLOCK

DSR-60/60P

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CARD RACK BLOCK  
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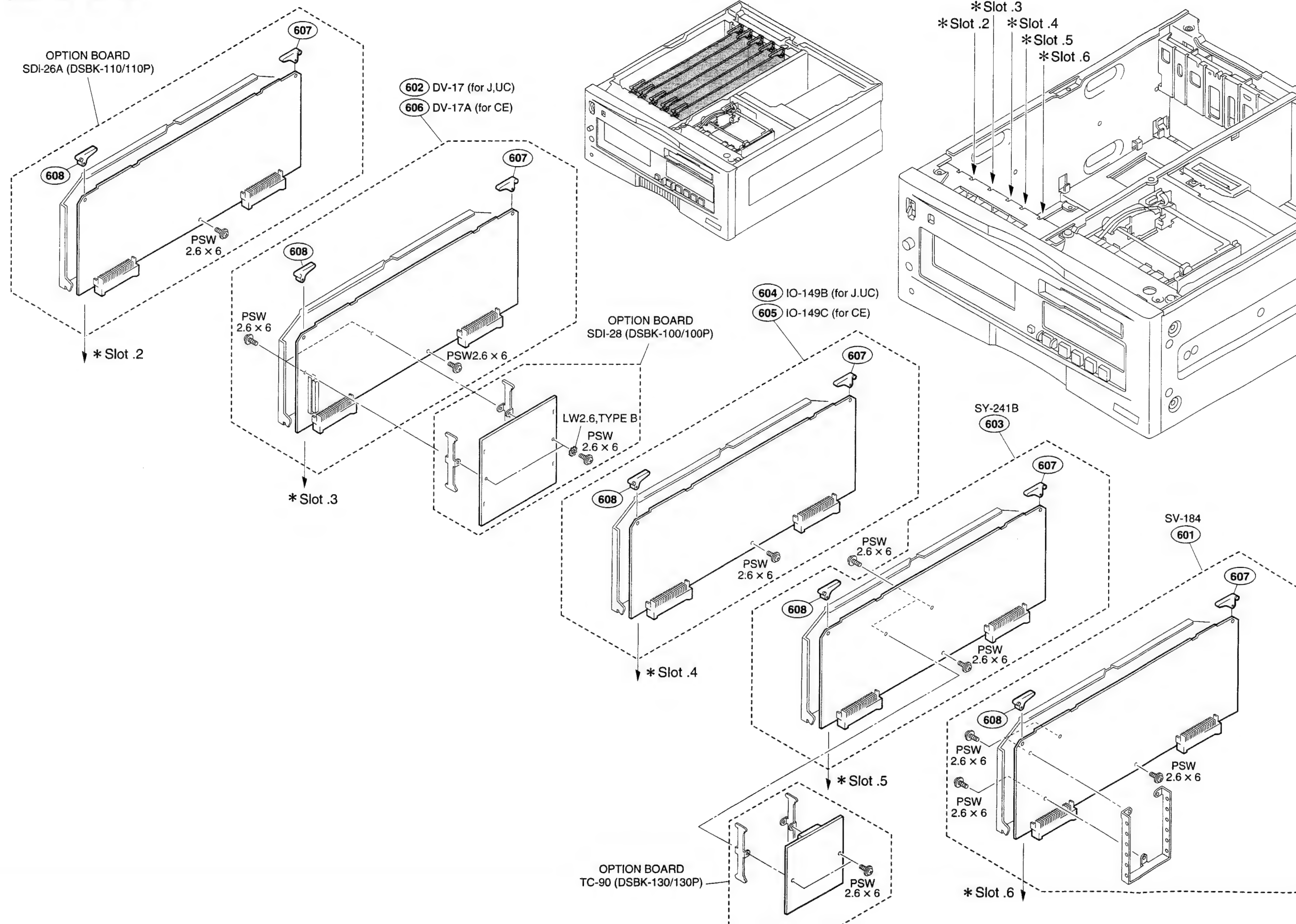
| No. | Parts No.    | SP | Description                              |
|-----|--------------|----|--|
| 601 | A-8312-944-A | o  | MOUNTED CIRCUIT BOARD, SV-184            |
| 602 | A-8312-949-B | o  | MOUNTED CIRCUIT BOARD, DV-17(FOR J,UC)   |
| 603 | A-8312-953-A | o  | MOUNTED CIRCUIT BOARD, SY-241B           |
| 604 | A-8312-954-A | o  | MOUNTED CIRCUIT BOARD, IO-149B(FOR J,UC) |
| 605 | A-8312-962-A | o  | MOUNTED CIRCUIT BOARD, IO-149C(FOR CE)   |
| 606 | A-8312-964-A | o  | MOUNTED CIRCUIT BOARD, DV-17A(FOR CE)    |
| 607 | 3-179-084-01 | s  | LEVER (R), PC BOARD                      |
| 608 | 3-179-085-01 | s  | LEVER (L), PC BOARD                      |

# CARD RACK BLOCK CARD RACK BLOCK

DSR-60/60P

DSR-60/60P

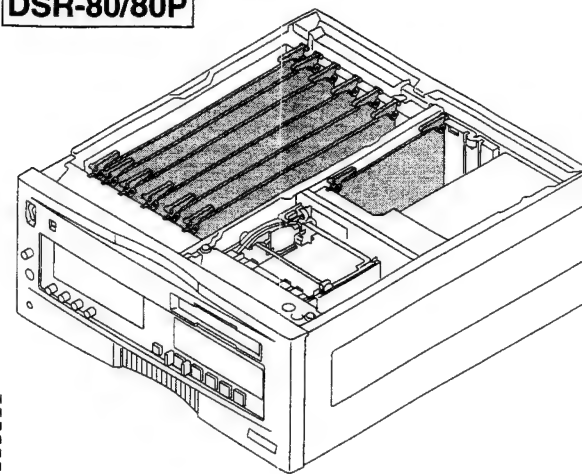
## CARD RACK BLOCK



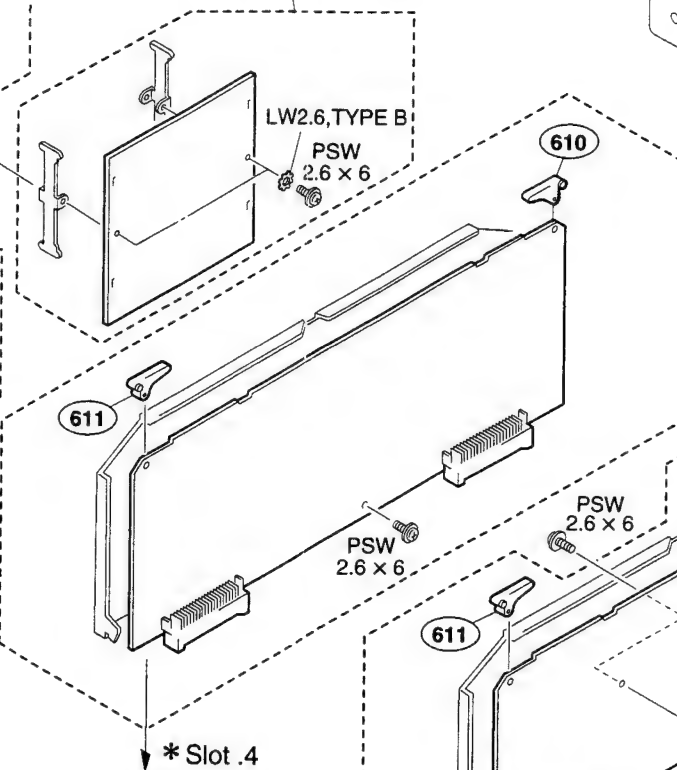


**DSR-80/80P**

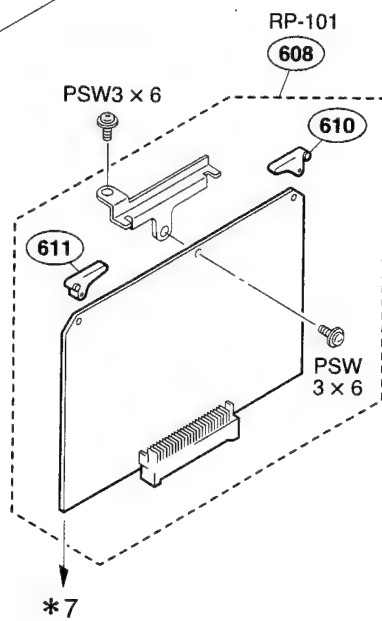
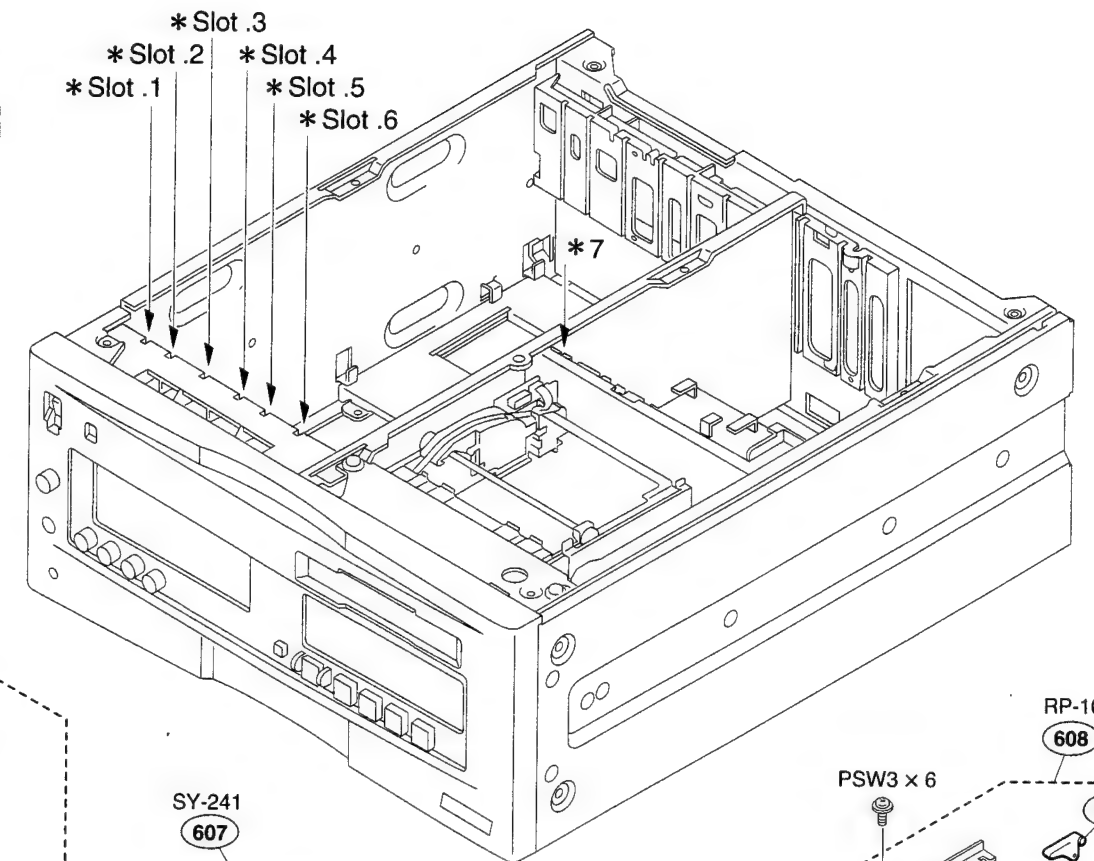
**DSR-80/80P**



OPTION BOARD  
SDI-27 (DSBK-120/120P)



15-15 (a)



15-15 (a)

## CARD RACK BLOCK

DSR-80/80P

### CARD RACK BLOCK

| No. | Parts No.    | SP | Description                             |
|-----|--------------|----|---|
| 601 | A-8315-280-B | o  | MOUNTED CIRCUIT BOARD, DA-119           |
| 602 | A-8315-281-A | o  | MOUNTED CIRCUIT BOARD, SDI-26           |
| 603 | A-8315-282-A | o  | MOUNTED CIRCUIT BOARD, DV-15(FOR J,UC)  |
| 604 | A-8315-301-A | o  | MOUNTED CIRCUIT BOARD, DV-15A(FOR CE)   |
| 605 | A-8315-283-A | o  | MOUNTED CIRCUIT BOARD, IO-149(FOR J,UC) |
| 606 | A-8315-293-A | o  | MOUNTED CIRCUIT BOARD, IO-149A(FOR CE)  |
| 607 | A-8315-284-A | o  | MOUNTED CIRCUIT BOARD, SY-241           |
| 608 | A-8315-285-A | o  | MOUNTED CIRCUIT BOARD, RP-101           |
| 609 | A-8312-944-A | o  | MOUNTED CIRCUIT BOARD, SV-184           |
| 610 | 3-179-084-01 | s  | LEVER(R), PC BOARD                      |
| 611 | 3-179-085-01 | s  | LEVER(L), PC BOARD                      |

## SWITCHING REGULATOR & REAR PANEL BLOCK

DSR-60/60P

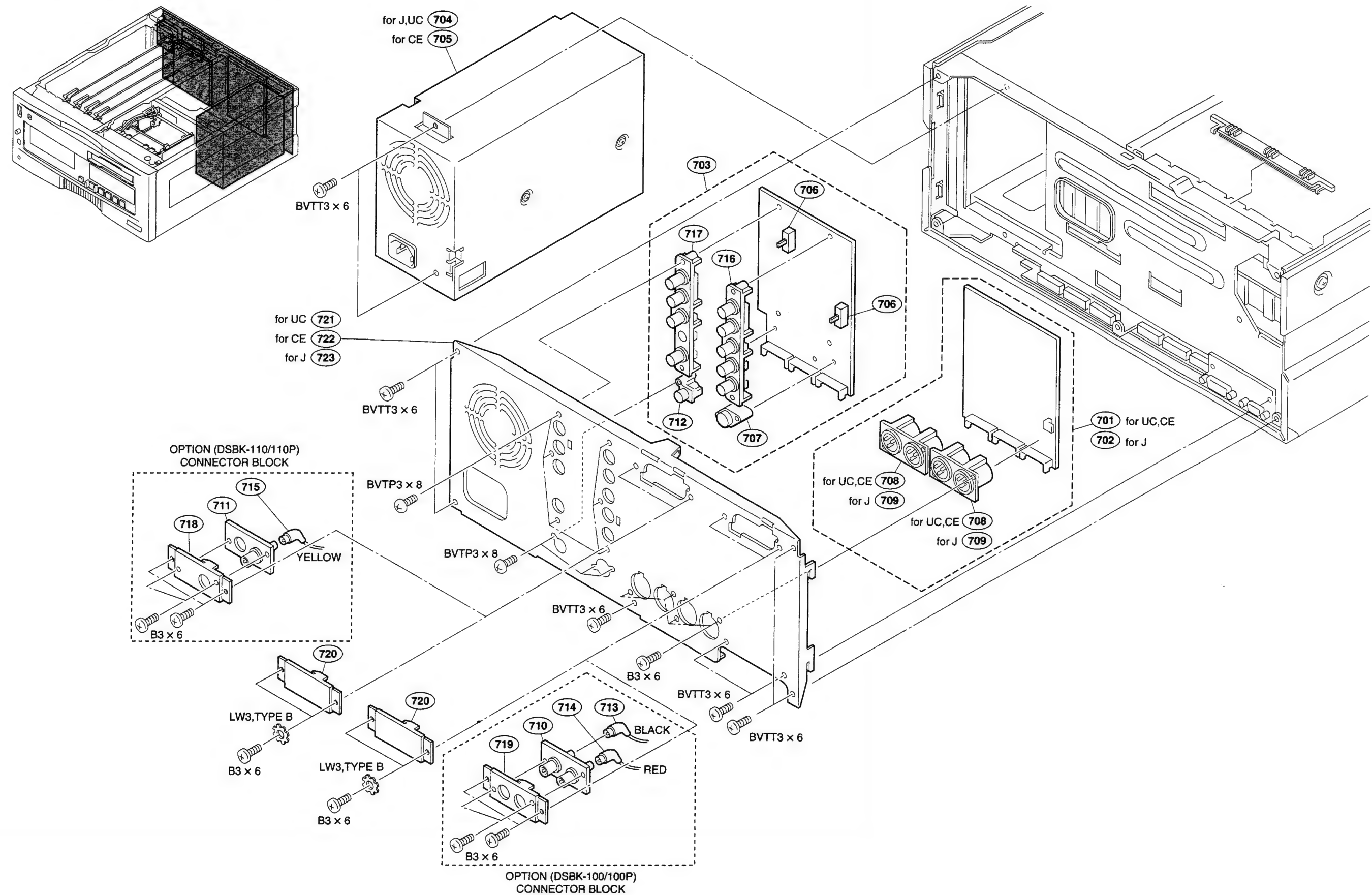
### SWITCHING REGULATOR & REAR PANEL BLOCK

| No. | Parts No.      | SP | Description                                |
|-----|----------------|----|--|
| 701 | A-8312-904-A   | o  | MOUNTED CIRCUIT BOARD, CP-281B (FOR UC,CE) |
| 702 | A-8312-905-A   | o  | MOUNTED CIRCUIT BOARD, CP-281C (FOR J)     |
| 703 | A-8312-907-A   | o  | MOUNTED CIRCUIT BOARD, CP-276B             |
| 704 | Δ 1-468-214-12 | s  | REGULATOR, SWITCHING (FOR J,UC)            |
| 705 | Δ 1-468-214-22 | s  | REGULATOR, SWITCHING (FOR CE)              |
| 706 | 1-570-157-51   | s  | SWITCH, SLIDE                              |
| 707 | 1-573-590-13   | s  | CONNECTOR, (S) TERMINAL 4P                 |
| 708 | 1-750-785-11   | s  | CONNECTOR (XLR TYPE) 3P (FOR UC,CE)        |
| 709 | 1-750-786-11   | s  | CONNECTOR (XLR TYPE) 3P (FOR J)            |
| 710 | 1-750-881-11   | s  | CONVERTER, COAXIAL, CONNECTOR              |
| 711 | 1-764-448-11   | s  | CONVERTER, COAXIAL, CONNECTOR              |
| 712 | 1-766-596-11   | s  | JACK, PIN 1P                               |
| 713 | 1-777-529-11   | s  | CABLE ASSY, COAXIAL (BLACK)                |
| 714 | 1-777-529-21   | s  | CABLE ASSY, COAXIAL (RED)                  |
| 715 | 1-777-529-41   | s  | CABLE ASSY, COAXIAL (YELLOW)               |
| 716 | 1-778-665-11   | s  | CONNECTOR, BNC (RECEPTACLE)                |
| 717 | 1-778-665-21   | s  | CONNECTOR, BNC (RECEPTACLE)                |
| 718 | 3-606-319-02   | o  | PANEL (A), DI                              |
| 719 | 3-606-326-02   | o  | PANEL (B), DI                              |
| 720 | 3-606-334-02   | o  | PANEL(S), BLANK                            |
| 721 | 3-606-343-01   | o  | PANEL REAR (FOR UC)                        |
| 722 | 3-606-343-11   | o  | PANEL REAR (FOR CE)                        |
| 723 | 3-606-343-21   | o  | PANEL, REAR (FOR J)                        |

DSR-60/60P

DSR-60/60P

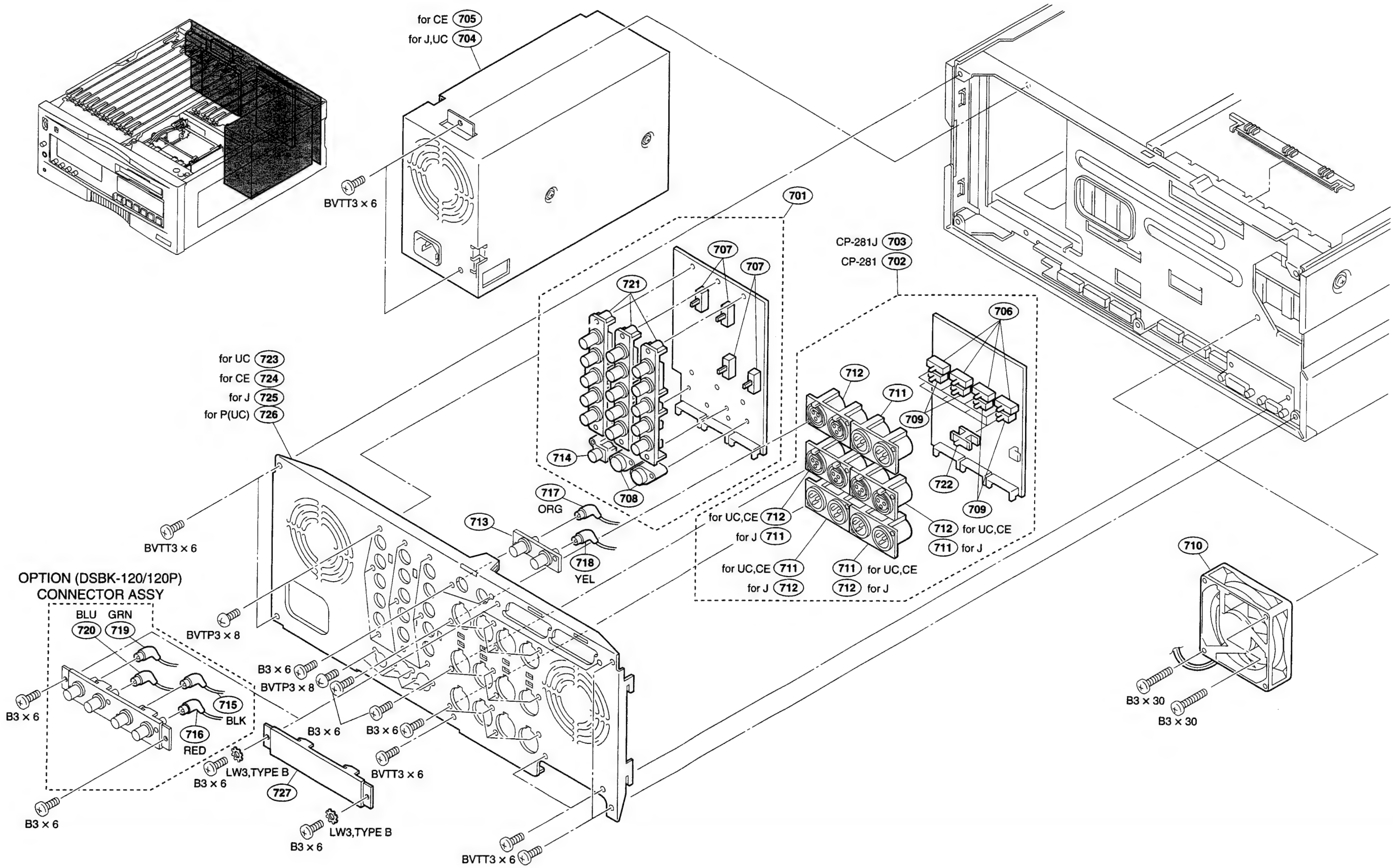
## SWITCHING REGULATOR &amp; REAR PANEL BLOCK



DSR-80/80P

DSR-80/80P

SWITCHING REGULATOR & REAR PANEL BLOCK



15-17 (a)

15-17 (a)

DSR-80/80P



## SWITCHING REGULATOR & REAR PANEL BLOCK

DSR-80/80P

### SWITCHING REGULATOR & REAR PANEL BLOCK

| No. | Parts No.      | SP | Description                               |
|-----|----------------|----|---|
| 701 | A-8312-906-A   | o  | MOUNTED CIRCUIT BOARD, CP-276A            |
| 702 | A-8277-859-A   | o  | MOUNTED CIRCUIT BOARD, CP-281 (FOR UC,CE) |
| 703 | A-8311-077-A   | o  | MOUNTED CIRCUIT BOARD, CP-281J (FOR J)    |
| 704 | △ 1-468-214-12 | s  | REGULATOR, SWITCHING (FOR J,UC)           |
| 705 | △ 1-468-214-22 | s  | REGULATOR, SWITCHING (FOR CE)             |
| 706 | 1-570-157-41   | s  | SWITCH, SLIDE                             |
| 707 | 1-570-157-51   | s  | SWITCH, SLIDE                             |
| 708 | 1-573-590-13   | s  | CONNECTOR, (S) TERMINAL 4P                |
| 709 | 1-692-505-11   | s  | SWITCH, SLIDE                             |
| 710 | 1-698-785-21   | s  | FAN, D.C.(80 SQUARE)                      |
| 711 | 1-750-785-11   | s  | CONVERTER (XLR TYPE) 3P                   |
| 712 | 1-750-786-11   | s  | CONVERTER (XLR TYPE) 3P                   |
| 713 | 1-750-881-11   | s  | CONVERTER, COAXIAL CONNECTOR              |
| 714 | 1-766-596-11   | s  | JACK, PIN 1P                              |
| 715 | 1-777-529-11   | s  | CABLE ASSY, COAXIAL (BLACK)               |
| 716 | 1-777-529-21   | s  | CABLE ASSY, COAXIAL (RED)                 |
| 717 | 1-777-529-31   | s  | CABLE ASSY, COAXIAL (ORANGE)              |
| 718 | 1-777-529-41   | s  | CABLE ASSY, COAXIAL (YELLOW)              |
| 719 | 1-777-529-51   | s  | CABLE ASSY, COAXIAL (GREEN)               |
| 720 | 1-777-529-61   | s  | CABLE ASSY, COAXIAL (BLUE)                |
| 721 | 1-778-665-11   | o  | ADAPTOR, SW                               |
| 722 | 3-171-450-01   | o  | ADAPTOR, SW                               |
| 723 | 3-608-591-02   | o  | PANEL, REAR (FOR UC)                      |
| 724 | 3-608-591-12   | o  | PANEL, REAR (FOR CE)                      |
| 725 | 3-608-591-22   | o  | PANEL, REAR (FOR J)                       |
| 726 | 3-608-591-32   | o  | PANEL, REAR (FOR DSR-80P UC)              |
| 727 | 3-605-643-02   | o  | PANEL, BLANK                              |



### 15-3. ELECTRICAL PARTS LIST (DSR-60/60P)

#### ----- CC-75 BOARD -----

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| C1                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| CN50                | 1-562-708-11 | o CONNECTOR, FPC 13P          |
| CN51                | 1-580-472-11 | s CONNECTOR, FPC 5P           |
| CN52                | 1-506-467-11 | s CONNECTOR 2P, MALE          |
| PH1                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| PH2                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| PH3                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| R1                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R2                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |

#### ----- CC-76 BOARD -----

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| CN53                | 1-750-248-21 | o CONNECTOR, FPC 5P         |
| PH1                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| PH2                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| PH3                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| R1                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |
| R2                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |

#### ----- CP-276B BOARD -----

| Ref. No.<br>or Q'ty | Part No.     | SP Description                      |
|---------------------|--------------|-------------------------------------|
| 1pc                 | A-8312-907-A | o MOUNTED CIRCUIT BOARD, CP-276B    |
| C1                  | 1-126-933-11 | s ELECT 100uF 20% 16V               |
| C4                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C5                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C6                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C7                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C8                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| CN1                 | 1-778-665-21 | s CONNECTOR, BNC, FEMALE            |
| CN3                 | 1-778-665-11 | s CONNECTOR, BNC, FEMALE            |
| CN4                 | 1-766-596-11 | s JACK, PIN 1P, FEMALE              |
| CN6                 | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |
| CN601               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| CN602               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| CN603               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| FL4                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL5                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL6                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL7                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL8                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL9                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL10                | 1-236-129-11 | s FILTER, NOISE                     |
| FL14                | 1-236-129-11 | s FILTER, NOISE                     |
| FL15                | 1-236-129-11 | s FILTER, NOISE                     |
| FL16                | 1-236-129-11 | s FILTER, NOISE                     |
| Q2                  | 8-729-907-46 | s TRANSISTOR IMZ1                   |
| Q3                  | 8-729-904-41 | s TRANSISTOR FMY3                   |
| R1                  | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |
| R5                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          |
| R6                  | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |
| R11                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W          |
| R12                 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W         |
| R16                 | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W          |
| R17                 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W         |
| R18                 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |
| R19                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |
| S1                  | 1-570-157-51 | s SWITCH, SLIDE                     |
| S4                  | 1-570-157-51 | s SWITCH, SLIDE                     |

## CP-281B BOARD(For UC/CE)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-8312-904-A | o MOUNTED CIRCUIT BOARD, CP-281B |
| C51                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C52                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C61                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C62                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C71                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C72                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C81                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C82                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| CN25                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE        |
| CN26                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE        |
| CN606               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE        |
| R52                 | 1-216-295-91 | s RES, CHIP 0                    |
| R55                 | 1-216-295-91 | s RES, CHIP 0                    |
| R62                 | 1-216-295-91 | s RES, CHIP 0                    |
| R65                 | 1-216-295-91 | s RES, CHIP 0                    |
| R72                 | 1-216-295-91 | s RES, CHIP 0                    |
| R75                 | 1-216-295-91 | s RES, CHIP 0                    |
| R82                 | 1-216-295-91 | s RES, CHIP 0                    |
| R85                 | 1-216-295-91 | s RES, CHIP 0                    |

## CP-281C BOARD(For J)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-8312-905-A | o MOUNTED CIRCUIT BOARD, CP-281C |
| C51                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C52                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C61                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C62                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C71                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C72                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C81                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C82                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| CN25                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE      |
| CN26                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE      |
| CN606               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE        |
| R13                 | 1-216-295-91 | s RES, CHIP 0                    |
| R14                 | 1-216-295-91 | s RES, CHIP 0                    |
| R23                 | 1-216-295-91 | s RES, CHIP 0                    |
| R24                 | 1-216-295-91 | s RES, CHIP 0                    |
| R33                 | 1-216-295-91 | s RES, CHIP 0                    |
| R34                 | 1-216-295-91 | s RES, CHIP 0                    |
| R43                 | 1-216-295-91 | s RES, CHIP 0                    |
| R44                 | 1-216-295-91 | s RES, CHIP 0                    |
| R53                 | 1-216-295-91 | s RES, CHIP 0                    |
| R54                 | 1-216-295-91 | s RES, CHIP 0                    |
| R63                 | 1-216-295-91 | s RES, CHIP 0                    |
| R64                 | 1-216-295-91 | s RES, CHIP 0                    |
| R73                 | 1-216-295-91 | s RES, CHIP 0                    |
| R84                 | 1-216-295-91 | s RES, CHIP 0                    |
| R83                 | 1-216-295-91 | s RES, CHIP 0                    |
| R84                 | 1-216-295-91 | s RES, CHIP 0                    |

## DV-17 BOARD(For NTSC); Suffix -13, 14

| Ref. No.<br>or Q'ty   | Part No.     | SP Description                     |
|---|--------------|------------------------------------|
| This list corresponds to the board suffix numbers -13 and 14. |              |                                    |
| 1pc   | A-8312-949-B | s MOUNTED CIRCUIT BOARD, DV-17     |
| 1pc   | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc   | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc   | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C10   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16   | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17   | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30   | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33   | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C101  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C102  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C103  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C104  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C105  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C106  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C107  | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C108  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C109  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C111  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C112  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C113  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C114  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C115  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C116  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C117  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C118  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C119  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C121  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C123  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C124  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C125  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C126  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C127  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C128  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C129  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C130  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C132  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |

(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C133                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C134                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C135                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C151                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C153                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C154                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C155                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C156                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C157                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C158                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C159                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C160                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C161                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C162                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C163                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C164                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C165                | 1-104-760-11 s | CERAMIC, CHIP 0.047uF 10% 50V |
| C166                | 1-135-179-21 s | TANTALUM, CHIP 2.2uF 10% 16V  |
| C167                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C168                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C169                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C170                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C171                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C201                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C203                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C204                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C205                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C206                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C207                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C209                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C210                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C211                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C212                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C213                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C214                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C218                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C219                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C220                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C221                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C222                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C224                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C225                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C226                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C228                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C229                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C252                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C254                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C255                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C256                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C257                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C258                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C259                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C260                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C261                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C262                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C263                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C264                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C265                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |

(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C266                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C267                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C268                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C269                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C270                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C272                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C301                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C302                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C304                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C305                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C307                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C308                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C309                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C310                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C312                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C313                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C315                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C316                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C317                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C318                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C319                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C321                | 1-164-346-11 s | CERAMIC, CHIP 1uF 16V        |
| C322                | 1-107-687-11 s | TANTALUM, CHIP 3.3uF 20% 20V |
| C323                | 1-107-687-11 s | TANTALUM, CHIP 3.3uF 20% 20V |
| C324                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C325                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C326                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C327                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C328                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C329                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C330                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C331                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C332                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C333                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C334                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C335                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C336                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C337                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C338                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C339                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C340                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C341                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C342                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C343                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C344                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C345                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C346                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C347                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C348                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C353                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C355                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C356                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C357                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C358                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |



(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C508                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C509                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C510                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C511                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C513                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C514                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C515                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C517                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C519                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C520                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C521                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C522                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C524                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C525                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C601                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C602                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C603                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C620                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C625                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C701                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C702                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C703                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C716                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C723                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V   |
| C724                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V   |
| C725                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V |
| D151                | 8-719-027-95 s | DIODE HSM88WK             |
| D152                | 8-719-041-39 s | DIODE KVI470              |
| D301                | 8-719-041-39 s | DIODE KVI470              |
| D302                | 8-719-041-39 s | DIODE KVI470              |
| D401                | 8-719-801-48 s | DIODE 1SS193              |
| D402                | 8-719-820-41 s | DIODE 1SS302              |
| D403                | 8-719-820-41 s | DIODE 1SS302              |
| D501                | 8-719-801-48 s | DIODE 1SS193              |
| D502                | 8-719-820-41 s | DIODE 1SS302              |
| D503                | 8-719-820-41 s | DIODE 1SS302              |
| D801                | 8-719-801-48 s | DIODE 1SS193              |
| D803                | 8-719-820-41 s | DIODE 1SS302              |
| D805                | 8-719-820-41 s | DIODE 1SS302              |
| D808                | 8-719-801-48 s | DIODE 1SS193              |
| D810                | 8-719-820-41 s | DIODE 1SS302              |
| D812                | 8-719-820-41 s | DIODE 1SS302              |
| FB101               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP |
| FB102               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP |
| FL201               | 1-233-314-11 s | FILTER, NOISE, CHIP       |
| FL202               | 1-233-314-11 s | FILTER, NOISE, CHIP       |
| IC10                | 8-759-009-07 s | IC MC14053BF              |
| IC11                | 8-759-009-06 s | IC MC14052BF              |
| IC12                | 8-759-702-02 s | IC NJM062M                |
| IC13                | 8-759-157-17 s | IC PQ05S21U               |
| IC14                | 8-759-172-41 s | IC L78M09T-TL             |
| IC15                | 8-759-068-03 s | IC NJM79L09UA             |
| IC101               | 8-759-337-30 s | IC UPD482445LGW-B10-E2    |
| IC102               | 8-759-385-90 s | IC CXD2187AR              |
| IC103               | 8-759-524-28 s | IC TC74VHC245FT(EL)       |
| IC104               | 8-759-524-28 s | IC TC74VHC245FT(EL)       |
| IC105               | 8-759-167-20 s | IC UPD42280GU-30          |
| IC106               | 8-759-167-20 s | IC UPD42280GU-30          |
| IC107               | 8-759-186-77 s | IC TC74VHC541F            |
| IC108               | 8-759-186-77 s | IC TC74VHC541F            |
| IC121               | 8-759-328-28 s | IC ZA4024                 |
| IC122               | 8-759-426-26 s | IC CXD8608R               |
| IC123               | 8-759-328-28 s | IC ZA4024                 |
| IC124               | 8-752-378-68 s | IC CXD3101R               |
| IC151               | 8-759-186-77 s | IC TC74VHC541F            |
| IC152               | 8-752-375-05 s | IC CXD2191R-T6            |
| IC153               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC201               | 8-759-457-61 s | IC CXD8628BR              |
| IC202               | 8-759-382-18 s | IC CXD2182AR              |
| IC203               | 8-759-523-95 s | IC TC74VHC74FT(EL)        |
| IC204               | 8-759-523-95 s | IC TC74VHC74FT(EL)        |
| IC207               | 8-759-081-48 s | IC TC74VHC08F             |
| IC208               | 8-759-523-78 s | IC TC74VHC00FT(EL)        |
| IC209               | 8-759-186-51 s | IC TC74VHC157FS(EL)       |
| IC210               | 8-759-186-84 s | IC TC74VHC86F(EL)         |
| IC211               | 8-759-186-51 s | IC TC74VHC157FS(EL)       |
| IC212               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC214               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC215               | 8-759-271-86 s | IC TC7SH04FU              |
| IC252               | 8-759-337-74 s | IC HM62V256LT8Z           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| IC253               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC254               | 8-759-483-02 s | IC CXD8713Q           |
| IC301               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC302               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC303               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC304               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC305               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC308               | 8-759-362-16 s | IC CXD2913AQ          |
| IC309               | 8-759-362-16 s | IC CXD2913AQ          |
| IC310               | 8-759-702-02 s | IC NJM062M            |
| IC311               | 8-759-702-02 s | IC NJM062M            |
| IC313               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC314               | 8-759-271-86 s | IC TC7SH04FU          |
| IC315               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC351               | 8-759-272-21 s | IC TC74VHC74FT(EL)    |
| IC352               | 8-759-523-43 s | IC TC74ACT157FT(EL)   |
| IC353               | 8-752-352-30 s | IC CXD2705AQ          |
| IC354               | 8-752-352-30 s | IC CXD2705AQ          |
| IC355               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC356               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC357               | 8-759-326-71 s | IC CXD8517Q           |
| IC358               | 8-759-326-71 s | IC CXD8517Q           |
| IC359               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC360               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC361               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC363               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC364               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC365               | 8-759-523-79 s | IC TC74VHC02FT(EL)    |
| IC381               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC382               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC401               | 8-759-745-64 s | IC NJM4560M           |
| IC402               | 8-759-745-64 s | IC NJM4560M           |
| IC403               | 8-759-745-64 s | IC NJM4560M           |
| IC404               | 8-759-745-64 s | IC NJM4560M           |
| IC405               | 8-759-521-14 s | IC NJM5532S-D         |
| IC501               | 8-759-745-64 s | IC NJM4560M           |
| IC503               | 8-759-745-64 s | IC NJM4560M           |
| IC504               | 8-759-745-64 s | IC NJM4560M           |
| IC505               | 8-759-521-14 s | IC NJM5532S-D         |
| IC601               | 8-759-745-64 s | IC NJM4560M           |
| IC602               | 8-759-702-02 s | IC NJM062M            |
| IC603               | 8-759-702-02 s | IC NJM062M            |
| IC604               | 8-759-702-02 s | IC NJM062M            |
| IC605               | 8-759-521-14 s | IC NJM5532S-D         |
| IC701               | 8-759-745-64 s | IC NJM4560M           |
| IC703               | 8-759-702-02 s | IC NJM062M            |
| IC704               | 8-759-702-02 s | IC NJM062M            |
| IC705               | 8-759-521-14 s | IC NJM5532S-D         |
| L11                 | 1-412-364-11 s | INDUCTOR 00H          |
| L101                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L103                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L104                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L122                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L151                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L153                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L154                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L201                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L203                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| L251                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L252                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L301                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L303                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L304                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L307                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L311                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L351                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L352                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L354                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L355                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L356                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L357                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS14                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | △ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS17                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |
| Q15                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q201                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q202                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q381                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q382                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q383                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q384                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q385                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q386                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q387                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q388                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q389                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q390                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q401                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q402                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q403                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q404                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q405                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q501                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q502                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q503                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q504                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q505                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q601                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| R10                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R14                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R15                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R16                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R17                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R103                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R104                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R105                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R106                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R133                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R152                | 1-216-295-91 | s RES, CHIP 0               |
| R154                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R157                | 1-216-129-00 | s METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R160                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-295-91 | s RES, CHIP 0               |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R214                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R254                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R256                | 1-216-295-91 | s RES, CHIP 0                 |
| R274                | 1-216-295-91 | s RES, CHIP 0                 |
| R275                | 1-216-295-91 | s RES, CHIP 0                 |
| R276                | 1-216-295-91 | s RES, CHIP 0                 |
| R277                | 1-216-295-91 | s RES, CHIP 0                 |
| R278                | 1-216-295-91 | s RES, CHIP 0                 |
| R301                | 1-216-295-91 | s RES, CHIP 0                 |
| R303                | 1-216-295-91 | s RES, CHIP 0                 |
| R310                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R311                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R312                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R313                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R318                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R319                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-295-91 | s RES, CHIP 0                 |
| R330                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R383                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R407                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R412                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R419                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |

(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R420                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R425                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R427                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R428                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R429                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R430                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R431                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R432                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R435                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R438                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R439                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R440                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R441                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R442                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R445                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R448                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R449                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R501                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R502                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R503                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R504                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R506                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R507                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R508                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R509                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R510                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R511                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R512                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R514                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R515                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R516                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R517                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R518                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R519                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R520                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R521                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R522                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R523                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R524                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R526                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R527                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R528                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R529                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R530                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R531                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R535                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R537                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |

(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R538                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R539                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R540                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R541                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R544                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R547                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R548                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R549                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R606                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R607                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R633                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R639                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R644                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R706                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R707                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |

(DV-17 BOARD(For NTSC); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R709                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R710                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R711                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R712                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R713                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R714                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R715                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R716                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R717                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R718                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W  |
| R719                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R720                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R723                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R728                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R733                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R737                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R739                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R740                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R749                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47K x 8 |
| RB107               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB121               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB122               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB151               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB301               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| RB351               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RY401               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY501               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY601               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY701               | 1-515-716-11 | s RELAY (TQ2-5V)               |

DV-17 BOARD(For NTSC); Suffix -12

| Ref. No.<br>or Q'ty                                   | Part No.     | SP Description                     |
|---|--------------|------------------------------------|
| This list corresponds to the board suffix number -12. |              |                                    |
| 1pc   | A-8312-949-B | s MOUNTED CIRCUIT BOARD, DV-17     |
| 1pc   | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc   | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc   | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C10   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16   | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17   | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30   | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32   | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33   | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C101  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C102  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C103  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C104  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C105  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C106  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C107  | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C108  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C109  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C111  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C112  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C113  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C114  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C115  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C116  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C117  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C118  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C119  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C121  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C123  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C124  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C125  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C126  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C127  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C128  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C129  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C130  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C132  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C133  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C264                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C265                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C266                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C267                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C268                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C269                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C270                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C272                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C301                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C302                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C304                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C305                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C309                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C310                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C311                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C312                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C313                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C315                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C316                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C317                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C318                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C319                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C320                | 1-164-346-11 | s CERAMIC, CHIP 1uF 16V        |
| C321                | 1-164-346-11 | s CERAMIC, CHIP 1uF 16V        |
| C322                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C328                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C329                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C330                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C331                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C333                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C334                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C335                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C336                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C337                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C338                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C339                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C340                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C341                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C342                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C343                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C344                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C345                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C346                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C347                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C348                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C353                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C355                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C505                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C506                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C507                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C508                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C509                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C510                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C511                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C513                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C514                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C515                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C517                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C519                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C520                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C521                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C522                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C524                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C525                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C601                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C602                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C603                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C620                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C625                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C701                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C702                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C703                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C716                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V  |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V  |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C724                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C725                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| D151                | 8-719-027-95 | s DIODE HSM88WK             |
| D152                | 8-719-041-39 | s DIODE KV1470              |
| D301                | 8-719-041-39 | s DIODE KV1470              |
| D302                | 8-719-041-39 | s DIODE KV1470              |
| D401                | 8-719-801-48 | s DIODE 1SS193              |
| D402                | 8-719-820-41 | s DIODE 1SS302              |
| D403                | 8-719-820-41 | s DIODE 1SS302              |
| D501                | 8-719-801-48 | s DIODE 1SS193              |
| D502                | 8-719-820-41 | s DIODE 1SS302              |
| D503                | 8-719-820-41 | s DIODE 1SS302              |
| D801                | 8-719-801-48 | s DIODE 1SS193              |
| D803                | 8-719-820-41 | s DIODE 1SS302              |
| D805                | 8-719-820-41 | s DIODE 1SS302              |
| D808                | 8-719-801-48 | s DIODE 1SS193              |
| D810                | 8-719-820-41 | s DIODE 1SS302              |
| D812                | 8-719-820-41 | s DIODE 1SS302              |
| FB101               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP |
| FB102               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP |
| FL201               | 1-233-314-11 | s FILTER, NOISE, CHIP       |
| IC10                | 8-759-009-07 | s IC MC14053BF              |
| IC11                | 8-759-009-06 | s IC MC14052BF              |
| IC12                | 8-759-702-02 | s IC NJM062M                |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U               |
| IC14                | 8-759-172-41 | s IC L78M09T-TL             |
| IC15                | 8-759-068-03 | s IC NJM79L09UA             |
| IC101               | 8-759-337-30 | s IC UPD482445LGW-B10-E2    |
| IC102               | 8-759-385-90 | s IC CXD2187AR              |
| IC103               | 8-759-524-28 | s IC TC74VHC245FT(EL)       |
| IC104               | 8-759-524-28 | s IC TC74VHC245FT(EL)       |
| IC105               | 8-759-167-20 | s IC UPD42280GU-30          |
| IC106               | 8-759-167-20 | s IC UPD42280GU-30          |
| IC107               | 8-759-186-77 | s IC TC74VHC541F            |
| IC108               | 8-759-186-77 | s IC TC74VHC541F            |
| IC121               | 8-759-328-28 | s IC ZA4024                 |
| IC122               | 8-759-426-26 | s IC CXD8608R               |
| IC123               | 8-759-328-28 | s IC ZA4024                 |
| IC124               | 8-752-378-68 | s IC CXD3101R               |
| IC151               | 8-759-186-77 | s IC TC74VHC541F            |
| IC152               | 8-752-375-05 | s IC CXD2191R-T6            |
| IC153               | 8-759-186-63 | s IC TC74VHC245F(EL)        |
| IC201               | 8-759-457-61 | s IC CXD8628BR              |
| IC202               | 8-759-382-18 | s IC CXD2182AR              |
| IC203               | 8-759-523-95 | s IC TC74VHC74FT(EL)        |
| IC204               | 8-759-523-95 | s IC TC74VHC74FT(EL)        |
| IC207               | 8-759-081-48 | s IC TC74VHC08F             |
| IC208               | 8-759-523-78 | s IC TC74VHC00FT(EL)        |
| IC209               | 8-759-186-51 | s IC TC74VHC157FS(EL)       |
| IC210               | 8-759-186-84 | s IC TC74VHC86F(EL)         |
| IC211               | 8-759-186-51 | s IC TC74VHC157FS(EL)       |
| IC212               | 8-759-186-63 | s IC TC74VHC245F(EL)        |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| IC214               | 8-759-186-63 | s IC TC74VHC245F(EL)    |
| IC215               | 8-759-271-86 | s IC TC7SH04FU          |
| IC252               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC253               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC254               | 8-759-483-02 | s IC CXD8713Q           |
| IC301               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC302               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC303               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC304               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC305               | 8-759-523-78 | s IC TC74VHC00FT(EL)    |
| IC308               | 8-759-362-16 | s IC CXD2913AQ          |
| IC309               | 8-759-362-16 | s IC CXD2913AQ          |
| IC310               | 8-759-702-02 | s IC NJM062M            |
| IC311               | 8-759-702-02 | s IC NJM062M            |
| IC351               | 8-759-272-21 | s IC TC74VHCT541F       |
| IC352               | 8-759-523-43 | s IC TC74ACT157FT(EL)   |
| IC353               | 8-752-352-30 | s IC CXD2705AQ          |
| IC354               | 8-752-352-30 | s IC CXD2705AQ          |
| IC355               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC356               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC357               | 8-759-326-71 | s IC CXD8517Q           |
| IC358               | 8-759-326-71 | s IC CXD8517Q           |
| IC359               | 8-759-523-78 | s IC TC74VHC00FT(EL)    |
| IC360               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC361               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC381               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC382               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC401               | 8-759-745-64 | s IC NJM4560M           |
| IC402               | 8-759-745-64 | s IC NJM4560M           |
| IC403               | 8-759-745-64 | s IC NJM4560M           |
| IC404               | 8-759-745-64 | s IC NJM4560M           |
| IC405               | 8-759-521-14 | s IC NJM5532S-D         |
| IC501               | 8-759-745-64 | s IC NJM4560M           |
| IC503               | 8-759-745-64 | s IC NJM4560M           |
| IC504               | 8-759-745-64 | s IC NJM4560M           |
| IC505               | 8-759-521-14 | s IC NJM5532S-D         |
| IC601               | 8-759-745-64 | s IC NJM4560M           |
| IC602               | 8-759-702-02 | s IC NJM062M            |
| IC603               | 8-759-702-02 | s IC NJM062M            |
| IC604               | 8-759-702-02 | s IC NJM062M            |
| IC605               | 8-759-521-14 | s IC NJM5532S-D         |
| IC701               | 8-759-745-64 | s IC NJM4560M           |
| IC703               | 8-759-702-02 | s IC NJM062M            |
| IC704               | 8-759-702-02 | s IC NJM062M            |
| IC705               | 8-759-521-14 | s IC NJM5532S-D         |
| L11                 | 1-412-364-11 | s INDUCTOR 0uH          |
| L101                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L103                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L104                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L122                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L151                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L153                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L154                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L201                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L203                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L251                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L252                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L301                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L303                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |

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|---------------------|------------------|---------------------------|
| L304                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L307                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L309                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L310                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
|                     |                  |                           |
| L311                | 1-410-740-31 s   | INDUCTOR, CHIP 0.82uH     |
| L351                | 1-410-740-31 s   | INDUCTOR, CHIP 0.82uH     |
| L354                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L355                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L356                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
|                     |                  |                           |
| L357                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11 s   | INDUCTOR, CHIP 10uH       |
|                     |                  |                           |
| LV301               | 1-411-984-11 s   | COIL, VAR, CHIP           |
| LV302               | 1-411-984-11 s   | COIL, VAR, CHIP           |
|                     |                  |                           |
| PS10                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
| PS14                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
|                     |                  |                           |
| PS15                | Δ 1-533-282-21 s | LINK, IC, CHIP 2A         |
| PS16                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
| PS17                | Δ 1-576-124-11 s | LINK, IC, CHIP 1A         |
|                     |                  |                           |
| Q10                 | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q11                 | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32 s   | TRANSISTOR 2SC4177        |
|                     |                  |                           |
| Q15                 | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
|                     |                  |                           |
| Q201                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q202                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q381                | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q382                | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q383                | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
|                     |                  |                           |
| Q384                | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q385                | 1-801-806-11 s   | TRANSISTOR DTC144EKA-T146 |
| Q386                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q387                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q388                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
|                     |                  |                           |
| Q389                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q390                | 8-729-027-38 s   | TRANSISTOR DTA144EKA-T146 |
| Q401                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q402                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q403                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
|                     |                  |                           |
| Q404                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q405                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q501                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q502                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q503                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
|                     |                  |                           |
| Q504                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q505                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |
| Q601                | 8-729-202-38 s   | TRANSISTOR 2SC3326N       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| Q602                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
|                     |                |                           |
| Q702                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
|                     |                |                           |
| R10                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R11                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
| R14                 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
|                     |                |                           |
| R15                 | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R16                 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W  |
| R17                 | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W  |
| R18                 | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W |
|                     |                |                           |
| R21                 | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R24                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R25                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
|                     |                |                           |
| R26                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R27                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R28                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R29                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R30                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
|                     |                |                           |
| R31                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R103                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R104                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R105                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R106                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
|                     |                |                           |
| R109                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R133                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R151                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R152                | 1-216-295-91 s | RES, CHIP 0               |
|                     |                |                           |
| R154                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R157                | 1-216-129-00 s | METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
|                     |                |                           |
| R160                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W |
| R163                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
|                     |                |                           |
| R169                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-295-91 s | RES, CHIP 0               |
| R205                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R211                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
|                     |                |                           |
| R212                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R213                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R214                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R253                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R254                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R256                | 1-216-295-91 | s RES, CHIP 0                 |
| R274                | 1-216-295-91 | s RES, CHIP 0                 |
| R275                | 1-216-295-91 | s RES, CHIP 0                 |
| R276                | 1-216-295-91 | s RES, CHIP 0                 |
| R277                | 1-216-295-91 | s RES, CHIP 0                 |
| R278                | 1-216-295-91 | s RES, CHIP 0                 |
| R283                | 1-216-295-91 | s RES, CHIP 0                 |
| R301                | 1-216-295-91 | s RES, CHIP 0                 |
| R303                | 1-216-295-91 | s RES, CHIP 0                 |
| R308                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R309                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R310                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R311                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R312                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R313                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R318                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R319                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-295-91 | s RES, CHIP 0                 |
| R330                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R383                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R407                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R412                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R419                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R420                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R425                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R427                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R428                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R429                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R430                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R431                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R432                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R435                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R438                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R439                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R440                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R441                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R442                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R445                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R448                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R449                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R501                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R502                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R504                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R506                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R507                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R508                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R509                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R510                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R511                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R512                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R514                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R515                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R516                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R517                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R518                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R519                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R520                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R521                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R522                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R523                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R524                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R526                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R527                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R528                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R529                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R530                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R531                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R535                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R537                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R538                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R539                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R540                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R541                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
|                     |                |                             |
| R544                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R547                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R548                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R549                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
|                     |                |                             |
| R602                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R606                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
|                     |                |                             |
| R607                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
|                     |                |                             |
| R612                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
|                     |                |                             |
| R617                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     |                |                             |
| R622                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
|                     |                |                             |
| R627                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
|                     |                |                             |
| R632                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R633                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
|                     |                |                             |
| R639                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R644                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
|                     |                |                             |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
|                     |                |                             |
| R704                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R706                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R707                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |

(DV-17 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R708                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
| R709                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W   |
| R710                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R711                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W   |
| R712                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
|                     |                |                              |
| R713                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R714                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R715                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R716                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R717                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
|                     |                |                              |
| R718                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W  |
| R719                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R720                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
|                     |                |                              |
| R723                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
|                     |                |                              |
| R728                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
|                     |                |                              |
| R733                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R737                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R739                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
|                     |                |                              |
| R740                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W     |
|                     |                |                              |
| R749                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
|                     |                |                              |
| RB101               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47K x 8 |
|                     |                |                              |
| RB107               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB121               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB122               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
|                     |                |                              |
| RB151               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
|                     |                |                              |
| RB203               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB251               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
|                     |                |                              |
| RB301               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |

(DV-17 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| RB303               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB351               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RY401               | 1-515-716-11 s | RELAY (TQ2-5V)               |
| RY501               | 1-515-716-11 s | RELAY (TQ2-5V)               |
| RY601               | 1-515-716-11 s | RELAY (TQ2-5V)               |
| RY701               | 1-515-716-11 s | RELAY (TQ2-5V)               |

DV-17 BOARD(For NTSC); Suffix -11

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -11.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10420 (For DSR-60 J)  
Serial number; 10001 through 10280 (For DSR-60 UC)
- \*2) Serial number; 10421 and higher (For DSR-60 J)  
Serial number; 10281 and higher (For DSR-60 UC)

1pc A-8312-949-B s MOUNTED CIRCUIT BOARD, DV-17

The DV-17 board with board suffix number -11 includes the PD-82 board.

See the list in the PD-82 board for details.

|      |                |                                  |
|------|----------------|----------------------------------|
| 1pc  | 7-621-759-45 s | +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 s | LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 s | LEVER (L), PRINTED CIRCUIT BOARD |
| C10  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C26  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C101 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C102 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C105 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C106 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C107 | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V        |
| C108 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C110 | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C111 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C112 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C113 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C114 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C115 | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C116 | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V         |
| C117 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C254                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C255                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C256                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C257                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C258                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C259                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C260                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C261                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C262                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C263                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C264                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C265                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C266                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C267                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C268                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C269                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C270                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C271                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C272                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C301                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C302                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C304                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C305                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C309                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C310                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C311                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C312                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C313                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C314                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C315                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C316                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C317                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C318                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C319                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C320                | 1-164-346-11 | s CERAMIC, CHIP 1uF 16V        |
| C321                | 1-164-346-11 | s CERAMIC, CHIP 1uF 16V        |
| C322                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C328                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C329                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C330                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C331                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C333                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C334                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C335                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C336                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C337                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C338                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C339                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C340                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                  |
|---------------------|--------------|----|------------------------------|
| C417                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C419                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C420                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C421                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C422                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C423                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C424                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C501                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C502                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C503                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C504                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C505                | 1-163-139-00 | s  | CERAMIC, CHIP 820pF 5% 50V   |
| C506                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C507                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C508                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C509                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C510                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C511                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C512                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C513                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C514                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C515                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C517                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C519                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C520                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C521                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C522                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C523                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C524                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C601                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C602                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C603                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s  | CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C620                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C622                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C701                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C702                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C703                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s  | CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C716                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C724                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| CN1                 | 1-774-392-11 | o CONNECTOR, BB 60P, FEMALE    |
| D151                | 8-719-027-95 | s DIODE HSM88WK                |
| D152                | 8-719-041-39 | s DIODE KVL470                 |
| D301                | 8-719-041-39 | s DIODE KVL470                 |
| D302                | 8-719-041-39 | s DIODE KVL470                 |
| D401                | 8-719-801-48 | s DIODE 1SS193                 |
| D402                | 8-719-820-41 | s DIODE 1SS302                 |
| D403                | 8-719-820-41 | s DIODE 1SS302                 |
| D501                | 8-719-801-48 | s DIODE 1SS193                 |
| D502                | 8-719-820-41 | s DIODE 1SS302                 |
| D503                | 8-719-820-41 | s DIODE 1SS302                 |
| D801                | 8-719-801-48 | s DIODE 1SS193                 |
| D803                | 8-719-820-41 | s DIODE 1SS302                 |
| D805                | 8-719-820-41 | s DIODE 1SS302                 |
| D808                | 8-719-801-48 | s DIODE 1SS193                 |
| D810                | 8-719-820-41 | s DIODE 1SS302                 |
| D812                | 8-719-820-41 | s DIODE 1SS302                 |
| E151                | 1-535-877-22 | o CHECKER, CHIP                |
| E251                | 1-535-877-22 | o CHECKER, CHIP                |
| E252                | 1-535-877-22 | o CHECKER, CHIP                |
| E301                | 1-535-877-22 | o CHECKER, CHIP                |
| FB101               | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |
| FB102               | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |
| FL201               | 1-233-314-11 | s FILTER, NOISE CHIP           |
| IC10                | 8-759-300-71 | s IC HD14053BFP                |
| IC11                | 8-759-009-06 | s IC MC14052BF                 |
| IC12                | 8-759-702-02 | s IC NJM062M                   |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U                  |
| IC14                | 8-759-172-41 | s IC L78M09T-TL                |
| IC15                | 8-759-068-03 | s IC NJM79L09UA                |
| IC101               | 8-759-337-30 | s IC UPD482445LGW-B10-E2       |
| IC102               | 8-759-385-90 | s IC CXD2187AR                 |
| IC103               | 8-759-079-87 | s IC TC74VHC245F(EL)           |
| IC104               | 8-759-079-87 | s IC TC74VHC245F(EL)           |
| IC105               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC106               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC107               | 8-759-186-77 | s IC TC74VHC541F               |
| IC108               | 8-759-186-77 | s IC TC74VHC541F               |
| IC121               | 8-759-328-28 | s IC ZA4024                    |
| IC122               | 8-759-426-26 | s IC CXD8608R                  |
| IC123               | 8-759-328-28 | s IC ZA4024                    |
| IC124               | 8-752-378-68 | s IC CXD3101R                  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| IC151               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC152               | 8-752-375-05 | s IC CXD2191R-T6          |
| IC153               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC201               | 8-759-457-61 | s IC CXD8628BR            |
| IC202               | 8-759-382-18 | s IC CXD2182AR            |
| IC203               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC204               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC207               | 8-759-081-48 | s IC TC74VHC08F           |
| IC208               | 8-759-079-46 | s IC TC74VHC00FS(EL)      |
| IC209               | 8-759-186-51 | s IC TC74VHC157F          |
| IC210               | 8-759-186-84 | s IC TC74VHC86F           |
| IC211               | 8-759-186-51 | s IC TC74VHC157F          |
| IC212               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC214               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC252               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC253               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC301               | 8-752-374-96 | s IC CXD2190R-T6          |
| IC302               | 8-752-374-96 | s IC CXD2190R-T6          |
| IC303               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC304               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC305               | 8-759-079-46 | s IC TC74VHC00FS(EL)      |
| IC308               | 8-759-362-16 | s IC CXD2913AQ            |
| IC309               | 8-759-362-16 | s IC CXD2913AQ            |
| IC310               | 8-759-702-02 | s IC NJM062M              |
| IC311               | 8-759-702-02 | s IC NJM062M              |
| IC351               | 8-759-927-18 | s IC SN74HCT541NS         |
| IC352               | 8-759-335-02 | s IC TC74ACT157FS(EL)     |
| IC353               | 8-752-352-30 | s IC CXD2705AQ            |
| IC354               | 8-752-352-30 | s IC CXD2705AQ            |
| IC355               | 8-759-335-55 | s IC MSM514256B-70JS11DR1 |
| IC356               | 8-759-335-55 | s IC MSM514256B-70JS11DR1 |
| IC357               | 8-759-326-71 | s IC CXD8517Q             |
| IC358               | 8-759-326-71 | s IC CXD8517Q             |
| IC359               | 8-759-079-46 | s IC TC74VHC00FS(EL)      |
| IC360               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC361               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC381               | 8-759-173-51 | s IC SM5872AS-ET          |
| IC382               | 8-759-173-51 | s IC SM5872AS-ET          |
| IC401               | 8-759-745-64 | s IC NJM4560M             |
| IC402               | 8-759-745-64 | s IC NJM4560M             |
| IC403               | 8-759-745-64 | s IC NJM4560M             |
| IC404               | 8-759-745-64 | s IC NJM4560M             |
| IC405               | 8-759-521-14 | s IC NJM5532S-D           |
| IC501               | 8-759-745-64 | s IC NJM4560M             |
| IC503               | 8-759-745-64 | s IC NJM4560M             |
| IC504               | 8-759-745-64 | s IC NJM4560M             |
| IC505               | 8-759-521-14 | s IC NJM5532S-D           |
| IC601               | 8-759-745-64 | s IC NJM4560M             |
| IC602               | 8-759-702-02 | s IC NJM062M              |
| IC603               | 8-759-702-02 | s IC NJM062M              |
| IC604               | 8-759-702-02 | s IC NJM062M              |
| IC605               | 8-759-521-14 | s IC NJM5532S-D           |
| IC701               | 8-759-745-64 | s IC NJM4560M             |
| IC703               | 8-759-702-02 | s IC NJM062M              |
| IC704               | 8-759-702-02 | s IC NJM062M              |
| IC705               | 8-759-521-14 | s IC NJM5532S-D           |
| L11                 | 1-412-364-21 | s FILTER, NOISE, CHIP     |
| L101                | 1-410-381-11 | s INDUCTOR, CHIP 10uH     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
|                     | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L102                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L103                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L104                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L122                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L151                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L152                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L153                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L154                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L201                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L203                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L204                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L251                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L301                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L302                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L303                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L304                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L305                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L306                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L307                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L309                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L310                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L311                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L351                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L352                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L353                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L354                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L355                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L356                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L357                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS14                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS17                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |
| Q15                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q201                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q202                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |

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| Ref. No.<br>or Q'ty | Part No. | SP Description                           |
|---------------------|----------|--|
| *2)                 | Q381     | 8-729-027-59 s TRANSISTOR DTC144EKA-T146 |
|                     | Q382     | 8-729-027-59 s TRANSISTOR DTC144EKA-T146 |
|                     | Q383     | 8-729-027-59 s TRANSISTOR DTC144EKA-T146 |
|                     | Q384     | 8-729-027-59 s TRANSISTOR DTC144EKA-T146 |
|                     | Q385     | 8-729-027-59 s TRANSISTOR DTC144EKA-T146 |
|                     | Q386     | 8-729-027-38 s TRANSISTOR DTA144EKA-T146 |
|                     | Q387     | 8-729-027-38 s TRANSISTOR DTA144EKA-T146 |
|                     | Q388     | 8-729-027-38 s TRANSISTOR DTA144EKA-T146 |
|                     | Q389     | 8-729-027-38 s TRANSISTOR DTA144EKA-T146 |
|                     | Q390     | 8-729-027-38 s TRANSISTOR DTA144EKA-T146 |
|                     | Q401     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q402     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q403     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q404     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q405     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q501     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q502     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q503     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q504     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q505     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q601     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q602     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q603     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q604     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q605     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q701     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q702     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q703     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q704     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | Q705     | 8-729-202-38 s TRANSISTOR 2SC3326N       |
|                     | R10      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R11      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R12      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R13      | 1-216-057-00 s METAL, CHIP 2.2k 5% 1/10W |
|                     | R14      | 1-216-057-00 s METAL, CHIP 2.2k 5% 1/10W |
|                     | R15      | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |
|                     | R16      | 1-216-081-00 s METAL, CHIP 22k 5% 1/10W  |
|                     | R17      | 1-216-081-00 s METAL, CHIP 22k 5% 1/10W  |
|                     | R18      | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |
|                     | R20      | 1-216-057-00 s METAL, CHIP 2.2k 5% 1/10W |
|                     | R21      | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |
|                     | R22      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R23      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R24      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R25      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R26      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R27      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R28      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R29      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R30      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R31      | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  |
|                     | R103     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  |
|                     | R104     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  |
|                     | R105     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  |
|                     | R109     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  |
|                     | R110     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |
|                     | R133     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |
|                     | R134     | 1-216-295-91 s RES, CHIP 0               |
|                     | R151     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R152                | 1-216-295-91 | s RES, CHIP 0               |
| R153                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R154                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R156                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
|                     |              |                             |
| R157                | 1-216-129-00 | s METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R160                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
|                     |              |                             |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R169                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
|                     |              |                             |
| R171                | 1-216-295-91 | s RES, CHIP 0               |
| R173                | 1-216-295-91 | s RES, CHIP 0               |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
|                     |              |                             |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R253                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R254                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R256                | 1-216-295-91 | s RES, CHIP 0               |
|                     |              |                             |
| R257                | 1-216-295-91 | s RES, CHIP 0               |
| R258                | 1-216-295-91 | s RES, CHIP 0               |
| R259                | 1-216-295-91 | s RES, CHIP 0               |
| R260                | 1-216-295-91 | s RES, CHIP 0               |
| R261                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R262                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R263                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R264                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R265                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R266                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R267                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R268                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R269                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R270                | 1-216-295-91 | s RES, CHIP 0               |
| R271                | 1-216-295-91 | s RES, CHIP 0               |
|                     |              |                             |
| R272                | 1-216-295-91 | s RES, CHIP 0               |
| R273                | 1-216-295-91 | s RES, CHIP 0               |
| R274                | 1-216-295-91 | s RES, CHIP 0               |
| R275                | 1-216-295-91 | s RES, CHIP 0               |
| R276                | 1-216-295-91 | s RES, CHIP 0               |
|                     |              |                             |
| R277                | 1-216-295-91 | s RES, CHIP 0               |
| R278                | 1-216-295-91 | s RES, CHIP 0               |
| R279                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R280                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R281                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R282                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R283                | 1-216-295-91 | s RES, CHIP 0               |
| R301                | 1-216-295-91 | s RES, CHIP 0               |
| R303                | 1-216-295-91 | s RES, CHIP 0               |
| R308                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
|                     |              |                             |
| R309                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R310                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R311                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W  |
| R312                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R313                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R318                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     |              |                               |
| R319                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     |              |                               |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
|                     |              |                               |
| R329                | 1-216-295-91 | s RES, CHIP 0                 |
| R330                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R351                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R352                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
|                     |              |                               |
| R353                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R354                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
|                     |              |                               |
| R383                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
|                     |              |                               |
| R402                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
|                     |              |                               |
| R407                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
|                     |              |                               |
| R412                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
|                     |              |                               |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R419                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R420                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
|                     |              |                               |
| R422                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R425                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
|                     |              |                               |
| R427                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R428                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R429                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R430                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R604                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R606                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R607                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R633                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R637                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R639                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R640                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R644                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R706                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R707                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R710                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R711                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R712                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R713                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R714                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R715                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R716                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R717                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R718                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R719                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R720                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
| R723                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R728                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W    |
| R733                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W    |
| R737                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W  |
| R739                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W  |
| R740                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W     |
| R749                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB107               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB121               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB122               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB151               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB206               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB251               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB301               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB351               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RY401               | 1-515-716-11 s | RELAY                        |
| RY501               | 1-515-716-11 s | RELAY                        |
| RY601               | 1-515-716-11 s | RELAY                        |

(DV-17 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.       | SP Description |
|---------------------|----------------|----------------|
| RY701               | 1-515-716-11 s | RELAY          |
| TP301               | 1-535-877-22 o | CHECKER, CHIP  |
| TP302               | 1-535-877-22 o | CHECKER, CHIP  |



DV-17 BOARD(For PAL); Suffix -13, 14

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

This list corresponds to the board suffix numbers -13 and 14.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-964-B | s MOUNTED CIRCUIT BOARD, DV-17A    |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C10  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C101 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C102 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C105 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C106 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C107 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C108 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C111 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C112 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C113 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C114 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C115 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C116 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C117 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C119 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C121 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C123 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C124 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C125 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C126 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C127 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C128 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C129 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C130 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C132 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |

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| Ref. No.<br>or Q'ty | Part No. | SP Description |
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|      |              |                                 |
|------|--------------|---------------------------------|
| C133 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C134 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C135 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C136 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C137 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C138 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C139 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C151 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C153 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C154 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C155 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C156 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C158 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C159 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C160 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C161 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C162 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C163 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C164 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C165 | 1-104-760-11 | s CERAMIC, CHIP 0.047uF 10% 50V |
| C166 | 1-135-179-21 | s TANTALUM, CHIP 2.2uF 10% 16V  |
| C167 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C168 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C169 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C170 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C171 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C201 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C203 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C204 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C205 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C206 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C214 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C218 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C219 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C220 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C221 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C222 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C226 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C252 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C254 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C255 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C256 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C257 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C258 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C259 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C260 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C261 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C262 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C263 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C264 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C265 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C266 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C267 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C268 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C269 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C270 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C272 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C301                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C302                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C304                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C305                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C307                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C308                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C309                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C310                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C312                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C313                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C315                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C316                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C317                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C318                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C319                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C321                | 1-164-346-11 s | CERAMIC, CHIP 1uF 16V        |
| C322                | 1-107-687-11 s | TANTALUM, CHIP 3.3uF 20% 20V |
| C323                | 1-107-687-11 s | TANTALUM, CHIP 3.3uF 20% 20V |
| C324                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C325                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C326                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C327                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C328                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C329                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C330                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C331                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C332                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C333                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C334                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C335                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C336                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C337                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C338                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C339                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C340                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C341                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C342                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C343                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C344                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C345                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C346                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C347                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C348                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C353                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C355                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C356                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C357                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C358                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C362                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C363                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C364                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C366                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C367                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C368                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C369                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C370                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C371                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C372                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C373                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C375                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C376                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C378                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C379                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C381                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C382                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C383                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C384                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C387                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C388                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C389                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C390                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C391                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C392                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C401                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V   |
| C402                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V   |
| C403                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C404                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C405                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C406                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C407                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C408                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C409                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C410                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C411                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C412                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C413                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C414                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C415                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C417                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C419                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C420                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C421                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C422                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C423                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C424                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C425                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C501                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V   |
| C502                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V   |
| C503                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C504                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C505                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C506                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C508                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C509                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C510                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C511                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C513                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C514                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C515                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C517                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C519                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C520                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C521                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C522                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C524                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C525                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C601                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C602                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C603                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C620                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C625                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C701                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C702                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C703                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C716                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C724                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C725                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| D151                | 8-719-027-95 | s DIODE HSM88WK                |
| D152                | 8-719-041-39 | s DIODE KV1470                 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| D301                | 8-719-041-39 | s DIODE KV1470              |
| D302                | 8-719-041-39 | s DIODE KV1470              |
| D401                | 8-719-801-48 | s DIODE 1SS193              |
| D402                | 8-719-820-41 | s DIODE 1SS302              |
| D403                | 8-719-820-41 | s DIODE 1SS302              |
| D501                | 8-719-801-48 | s DIODE 1SS193              |
| D502                | 8-719-820-41 | s DIODE 1SS302              |
| D503                | 8-719-820-41 | s DIODE 1SS302              |
| D801                | 8-719-801-48 | s DIODE 1SS193              |
| D803                | 8-719-820-41 | s DIODE 1SS302              |
| D805                | 8-719-820-41 | s DIODE 1SS302              |
| D808                | 8-719-801-48 | s DIODE 1SS193              |
| D810                | 8-719-820-41 | s DIODE 1SS302              |
| D812                | 8-719-820-41 | s DIODE 1SS302              |
| FB101               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP |
| FB102               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP |
| FL201               | 1-233-314-11 | s FILTER, NOISE, CHIP       |
| FL202               | 1-233-314-11 | s FILTER, NOISE, CHIP       |
| IC10                | 8-759-009-07 | s IC MC14053BF              |
| IC11                | 8-759-009-06 | s IC MC14052BF              |
| IC12                | 8-759-702-02 | s IC NJM062M                |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U               |
| IC14                | 8-759-172-41 | s IC L78M09T-TL             |
| IC15                | 8-759-068-03 | s IC NJM79L09UA             |
| IC101               | 8-759-337-30 | s IC UPD482445LGW-B10-E2    |
| IC102               | 8-759-385-90 | s IC CXD2187AR              |
| IC103               | 8-759-524-28 | s IC TC74VHC245FT(EL)       |
| IC104               | 8-759-524-28 | s IC TC74VHC245FT(EL)       |
| IC105               | 8-759-167-20 | s IC UPD42280GU-30          |
| IC106               | 8-759-167-20 | s IC UPD42280GU-30          |
| IC107               | 8-759-186-77 | s IC TC74VHC541F            |
| IC108               | 8-759-186-77 | s IC TC74VHC541F            |
| IC121               | 8-759-328-28 | s IC ZA4024                 |
| IC122               | 8-759-426-26 | s IC CXD8608R               |
| IC123               | 8-759-328-28 | s IC ZA4024                 |
| IC124               | 8-752-378-68 | s IC CXD3101R               |
| IC125               | 8-759-327-31 | s IC CXD2183R               |
| IC151               | 8-759-186-77 | s IC TC74VHC541F            |
| IC152               | 8-752-375-05 | s IC CXD2191R-T6            |
| IC153               | 8-759-186-63 | s IC TC74VHC245F(EL)        |
| IC201               | 8-759-457-61 | s IC CXD8628BR              |
| IC207               | 8-759-081-48 | s IC TC74VHC08F             |
| IC209               | 8-759-186-51 | s IC TC74VHC157FS(EL)       |
| IC211               | 8-759-186-51 | s IC TC74VHC157FS(EL)       |
| IC212               | 8-759-186-63 | s IC TC74VHC245F(EL)        |
| IC214               | 8-759-186-63 | s IC TC74VHC245F(EL)        |
| IC215               | 8-759-271-86 | s IC TC7SH04FU              |
| IC252               | 8-759-337-74 | s IC HM62V256LT8Z           |
| IC253               | 8-759-337-74 | s IC HM62V256LT8Z           |
| IC254               | 8-759-483-02 | s IC CXD8713Q               |
| IC301               | 8-752-374-96 | s IC CXD2190R-T6            |
| IC302               | 8-752-374-96 | s IC CXD2190R-T6            |
| IC303               | 8-759-337-74 | s IC HM62V256LT8Z           |
| IC304               | 8-759-337-74 | s IC HM62V256LT8Z           |
| IC305               | 8-759-523-78 | s IC TC74VHC00FT(EL)        |
| IC308               | 8-759-362-16 | s IC CXD2913AQ              |
| IC309               | 8-759-362-16 | s IC CXD2913AQ              |
| IC310               | 8-759-702-02 | s IC NJM062M                |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| IC311               | 8-759-702-02 | s IC NJM062M            |
| IC313               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC314               | 8-759-271-86 | s IC TC7SH04FU          |
| IC315               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC351               | 8-759-272-21 | s IC TC74VHCT541F       |
| IC352               | 8-759-523-43 | s IC TC74ACT157FT(EL)   |
| IC353               | 8-752-352-30 | s IC CXD2705AQ          |
| IC354               | 8-752-352-30 | s IC CXD2705AQ          |
| IC355               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC356               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC357               | 8-759-326-71 | s IC CXD8517Q           |
| IC358               | 8-759-326-71 | s IC CXD8517Q           |
| IC359               | 8-759-523-78 | s IC TC74VHC00FT(EL)    |
| IC360               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC361               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC363               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC364               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC365               | 8-759-523-79 | s IC TC74VHC02FT(EL)    |
| IC381               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC382               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC401               | 8-759-745-64 | s IC NJM4560M           |
| IC402               | 8-759-745-64 | s IC NJM4560M           |
| IC403               | 8-759-745-64 | s IC NJM4560M           |
| IC404               | 8-759-745-64 | s IC NJM4560M           |
| IC405               | 8-759-521-14 | s IC NJM5532S-D         |
| IC501               | 8-759-745-64 | s IC NJM4560M           |
| IC503               | 8-759-745-64 | s IC NJM4560M           |
| IC504               | 8-759-745-64 | s IC NJM4560M           |
| IC505               | 8-759-521-14 | s IC NJM5532S-D         |
| IC601               | 8-759-745-64 | s IC NJM4560M           |
| IC602               | 8-759-702-02 | s IC NJM062M            |
| IC603               | 8-759-702-02 | s IC NJM062M            |
| IC604               | 8-759-702-02 | s IC NJM062M            |
| IC605               | 8-759-521-14 | s IC NJM5532S-D         |
| IC701               | 8-759-745-64 | s IC NJM4560M           |
| IC703               | 8-759-702-02 | s IC NJM062M            |
| IC704               | 8-759-702-02 | s IC NJM062M            |
| IC705               | 8-759-521-14 | s IC NJM5532S-D         |
| L11                 | 1-412-364-11 | s FILTER, NOISE, CHIP   |
| L101                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L103                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L104                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L122                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L151                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L153                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L154                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L201                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L203                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L251                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L252                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L301                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L303                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L304                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L307                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L308                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L311                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L351                | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L352                | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| L354                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L355                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L356                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L357                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS14                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | △ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS17                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |
| Q15                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q251                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q381                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q382                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q383                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q384                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q385                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q386                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q387                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q388                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q389                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q390                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q401                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q402                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q403                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q404                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q405                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q501                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q502                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q503                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q504                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q505                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q601                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q705                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| R10                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R14                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R15                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R16                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R17                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R103                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R104                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R105                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R106                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R152                | 1-216-295-91 | s RES, CHIP 0               |
| R154                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R157                | 1-216-129-00 | s METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R160                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-295-91 | s RES, CHIP 0               |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R206                | 1-216-295-91 | s RES, CHIP 0               |
| R207                | 1-216-295-91 | s RES, CHIP 0               |
| R208                | 1-216-295-91 | s RES, CHIP 0               |
| R209                | 1-216-295-91 | s RES, CHIP 0               |
| R210                | 1-216-295-91 | s RES, CHIP 0               |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R214                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R254                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R256                | 1-216-295-91 | s RES, CHIP 0               |
| R274                | 1-216-295-91 | s RES, CHIP 0               |
| R275                | 1-216-295-91 | s RES, CHIP 0               |
| R276                | 1-216-295-91 | s RES, CHIP 0               |
| R277                | 1-216-295-91 | s RES, CHIP 0               |
| R278                | 1-216-295-91 | s RES, CHIP 0               |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R301                | 1-216-295-91 | s RES, CHIP 0                 |
| R303                | 1-216-295-91 | s RES, CHIP 0                 |
| R310                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R311                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R312                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R313                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R318                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R319                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-295-91 | s RES, CHIP 0                 |
| R330                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R383                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R407                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R412                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R419                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R420                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R425                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R427                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R428                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |



(DV-17 BOARD(For PAL); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description |      |      |       |  |  |  |
|---------------------|--------------|----|-------------|------|------|-------|--|--|--|
| R602                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R603                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R604                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R605                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R606                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R607                | 1-208-808-11 | s  | METAL, CHIP | 12k  | 0.5% | 1/10W |  |  |  |
| R608                | 1-208-808-11 | s  | METAL, CHIP | 12k  | 0.5% | 1/10W |  |  |  |
| R609                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R610                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R611                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R612                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R613                | 1-208-805-11 | s  | METAL, CHIP | 9.1k | 0.5% | 1/10W |  |  |  |
| R614                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R615                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R616                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R617                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R618                | 1-208-804-11 | s  | METAL, CHIP | 8.2k | 0.5% | 1/10W |  |  |  |
| R619                | 1-208-805-11 | s  | METAL, CHIP | 9.1k | 0.5% | 1/10W |  |  |  |
| R620                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R621                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R622                | 1-208-808-11 | s  | METAL, CHIP | 12k  | 0.5% | 1/10W |  |  |  |
| R623                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R624                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R625                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R626                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R627                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R628                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R629                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R630                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R631                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R632                | 1-216-049-91 | s  | METAL, CHIP | 1k   | 5%   | 1/10W |  |  |  |
| R633                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R635                | 1-216-049-91 | s  | METAL, CHIP | 1k   | 5%   | 1/10W |  |  |  |
| R637                | 1-208-750-11 | s  | METAL, CHIP | 47   | 0.5% | 1/10W |  |  |  |
| R638                | 1-216-097-91 | s  | METAL, CHIP | 100k | 5%   | 1/10W |  |  |  |
| R639                | 1-216-097-91 | s  | METAL, CHIP | 100k | 5%   | 1/10W |  |  |  |
| R640                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R641                | 1-208-750-11 | s  | METAL, CHIP | 47   | 0.5% | 1/10W |  |  |  |
| R644                | 1-220-242-11 | s  | METAL, CHIP | 22   | 5%   | 1/4W  |  |  |  |
| R645                | 1-220-242-11 | s  | METAL, CHIP | 22   | 5%   | 1/4W  |  |  |  |
| R648                | 1-216-037-00 | s  | METAL, CHIP | 330  | 5%   | 1/10W |  |  |  |
| R649                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R701                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R702                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R703                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R704                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R705                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R706                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R707                | 1-208-808-11 | s  | METAL, CHIP | 12k  | 0.5% | 1/10W |  |  |  |
| R708                | 1-208-808-11 | s  | METAL, CHIP | 12k  | 0.5% | 1/10W |  |  |  |
| R709                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R710                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R711                | 1-208-814-11 | s  | METAL, CHIP | 22k  | 0.5% | 1/10W |  |  |  |
| R712                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R713                | 1-208-805-11 | s  | METAL, CHIP | 9.1k | 0.5% | 1/10W |  |  |  |
| R714                | 1-208-798-11 | s  | METAL, CHIP | 4.7k | 0.5% | 1/10W |  |  |  |
| R715                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |
| R716                | 1-208-806-11 | s  | METAL, CHIP | 10k  | 0.5% | 1/10W |  |  |  |
| R717                | 1-216-073-00 | s  | METAL, CHIP | 10k  | 5%   | 1/10W |  |  |  |

(DV-17 BOARD(For PAL); Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R718                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W  |
| R719                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R720                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R723                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R728                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R733                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R737                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R739                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R740                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R749                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47K x 8 |
| RB107               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB151               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47K x 8 |
| RB301               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47K x 8 |
| RB302               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB351               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RY401               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY501               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY601               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY701               | 1-515-716-11 | s RELAY (TQ2-5V)               |

DV-17 BOARD(For PAL); Suffix -12

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -12.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-964-B | s MOUNTED CIRCUIT BOARD, DV-17A    |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C10  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C101 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C102 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C105 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C106 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C107 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C108 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C111 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C112 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C113 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C114 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C115 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C116 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C117 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C119 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C121 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C123 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C124 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C125 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C126 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C127 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C128 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C129 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C130 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C132 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C133 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |

(DV-17 BOARD(For PAL); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                  |
|---------------------|--------------|----|------------------------------|
| C272                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C301                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C302                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C303                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C304                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C305                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C306                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C307                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C308                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C309                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C310                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C311                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C312                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C313                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C315                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C316                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C317                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C318                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C319                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C320                | 1-164-346-11 | s  | CERAMIC, CHIP 1uF 16V        |
| C321                | 1-164-346-11 | s  | CERAMIC, CHIP 1uF 16V        |
| C322                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C323                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C324                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C325                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C326                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C327                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C328                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C329                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C330                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C331                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C332                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C333                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C334                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C335                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C336                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C337                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C338                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C339                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C340                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C341                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C342                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C343                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C344                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C345                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C346                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C347                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C348                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C351                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C353                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C354                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C355                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C356                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C357                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C358                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C359                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C360                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C361                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C362                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C725                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V |
| D151                | 8-719-027-95 s | DIODE HSM88WK             |
| D152                | 8-719-041-39 s | DIODE KV1470              |
| D301                | 8-719-041-39 s | DIODE KV1470              |
| D302                | 8-719-041-39 s | DIODE KV1470              |
| D401                | 8-719-801-48 s | DIODE 1SS193              |
| D402                | 8-719-820-41 s | DIODE 1SS302              |
| D403                | 8-719-820-41 s | DIODE 1SS302              |
| D501                | 8-719-801-48 s | DIODE 1SS193              |
| D502                | 8-719-820-41 s | DIODE 1SS302              |
| D503                | 8-719-820-41 s | DIODE 1SS302              |
| D801                | 8-719-801-48 s | DIODE 1SS193              |
| D803                | 8-719-820-41 s | DIODE 1SS302              |
| D805                | 8-719-820-41 s | DIODE 1SS302              |
| D808                | 8-719-801-48 s | DIODE 1SS193              |
| D810                | 8-719-820-41 s | DIODE 1SS302              |
| D812                | 8-719-820-41 s | DIODE 1SS302              |
| FB101               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP |
| FB102               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP |
| FL201               | 1-233-314-11 s | FILTER, NOISE, CHIP       |
| IC10                | 8-759-009-07 s | IC MC14053BF              |
| IC11                | 8-759-009-06 s | IC MC14052BF              |
| IC12                | 8-759-702-02 s | IC NJM062M                |
| IC13                | 8-759-157-17 s | IC PQ05SZ1U               |
| IC14                | 8-759-172-41 s | IC L78M09T-TL             |
| IC15                | 8-759-068-03 s | IC NJM79L09UA             |
| IC101               | 8-759-337-30 s | IC UPD482445LGW-B10-E2    |
| IC102               | 8-759-385-90 s | IC CXD2187AR              |
| IC103               | 8-759-524-28 s | IC TC74VHC245FT(EL)       |
| IC104               | 8-759-524-28 s | IC TC74VHC245FT(EL)       |
| IC105               | 8-759-167-20 s | IC UPD42280GU-30          |
| IC106               | 8-759-167-20 s | IC UPD42280GU-30          |
| IC107               | 8-759-186-77 s | IC TC74VHC541F            |
| IC108               | 8-759-186-77 s | IC TC74VHC541F            |
| IC121               | 8-759-328-28 s | IC ZA4024                 |
| IC122               | 8-759-426-26 s | IC CXD8608R               |
| IC123               | 8-759-328-28 s | IC ZA4024                 |
| IC124               | 8-752-378-68 s | IC CXD3101R               |
| IC125               | 8-759-327-31 s | IC CXD2183R               |
| IC151               | 8-759-186-77 s | IC TC74VHC541F            |
| IC152               | 8-752-375-05 s | IC CXD2191R-T6            |
| IC153               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC201               | 8-759-457-61 s | IC CXD8628BR              |
| IC207               | 8-759-081-48 s | IC TC74VHC08F             |
| IC209               | 8-759-186-51 s | IC TC74VHC157FS(EL)       |
| IC211               | 8-759-186-51 s | IC TC74VHC157FS(EL)       |
| IC212               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC214               | 8-759-186-63 s | IC TC74VHC245F(EL)        |
| IC215               | 8-759-271-86 s | IC TC7SH04FU              |
| IC252               | 8-759-337-74 s | IC HM62V256LT8Z           |
| IC253               | 8-759-337-74 s | IC HM62V256LT8Z           |
| IC254               | 8-759-483-02 s | IC CXD8713Q               |
| IC301               | 8-752-374-96 s | IC CXD2190R-T6            |
| IC302               | 8-752-374-96 s | IC CXD2190R-T6            |
| IC303               | 8-759-337-74 s | IC HM62V256LT8Z           |
| IC304               | 8-759-337-74 s | IC HM62V256LT8Z           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| IC305               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC308               | 8-759-362-16 s | IC CXD2913AQ          |
| IC309               | 8-759-362-16 s | IC CXD2913AQ          |
| IC310               | 8-759-702-02 s | IC NJM062M            |
| IC311               | 8-759-702-02 s | IC NJM062M            |
| IC351               | 8-759-272-21 s | IC TC74VHCT541F       |
| IC352               | 8-759-523-43 s | IC TC74ACT157FT(EL)   |
| IC353               | 8-752-352-30 s | IC CXD2705AQ          |
| IC354               | 8-752-352-30 s | IC CXD2705AQ          |
| IC355               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC356               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC357               | 8-759-326-71 s | IC CXD8517Q           |
| IC358               | 8-759-326-71 s | IC CXD8517Q           |
| IC359               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC360               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC361               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC381               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC382               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC401               | 8-759-745-64 s | IC NJM4560M           |
| IC402               | 8-759-745-64 s | IC NJM4560M           |
| IC403               | 8-759-745-64 s | IC NJM4560M           |
| IC404               | 8-759-745-64 s | IC NJM4560M           |
| IC405               | 8-759-521-14 s | IC NJM5532S-D         |
| IC501               | 8-759-745-64 s | IC NJM4560M           |
| IC503               | 8-759-745-64 s | IC NJM4560M           |
| IC504               | 8-759-745-64 s | IC NJM4560M           |
| IC505               | 8-759-521-14 s | IC NJM5532S-D         |
| IC601               | 8-759-745-64 s | IC NJM4560M           |
| IC602               | 8-759-702-02 s | IC NJM062M            |
| IC603               | 8-759-702-02 s | IC NJM062M            |
| IC604               | 8-759-702-02 s | IC NJM062M            |
| IC605               | 8-759-521-14 s | IC NJM5532S-D         |
| IC701               | 8-759-745-64 s | IC NJM4560M           |
| IC703               | 8-759-702-02 s | IC NJM062M            |
| IC704               | 8-759-702-02 s | IC NJM062M            |
| IC705               | 8-759-521-14 s | IC NJM5532S-D         |
| L11                 | 1-412-364-11 s | FILTER, NOISE, CHIP   |
| L101                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L103                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L104                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L122                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L151                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L153                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L154                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L201                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L203                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L251                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L252                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L301                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L303                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L304                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L307                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L308                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L309                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L310                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |
| L311                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L351                | 1-410-740-31 s | INDUCTOR, CHIP 0.82uH |
| L354                | 1-410-381-11 s | INDUCTOR, CHIP 10uH   |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| L355                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L356                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L357                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS14                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | △ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS17                | △ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |
| Q15                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q381                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q382                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q383                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q384                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q385                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q386                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q387                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q388                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q389                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q390                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q401                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q402                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q403                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q404                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q405                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q501                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q502                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q503                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q504                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q505                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q601                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38   | s TRANSISTOR 2SC3326N       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R10                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R14                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R15                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R16                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R17                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R103                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R104                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R105                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R106                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R152                | 1-216-295-91 | s RES, CHIP 0               |
| R154                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R157                | 1-216-129-00 | s METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R160                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R169                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| P173                | 1-216-295-91 | s RES, CHIP 0               |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R206                | 1-216-295-91 | s RES, CHIP 0               |
| R207                | 1-216-295-91 | s RES, CHIP 0               |
| R208                | 1-216-295-91 | s RES, CHIP 0               |
| R209                | 1-216-295-91 | s RES, CHIP 0               |
| R210                | 1-216-295-91 | s RES, CHIP 0               |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R214                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R253                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R254                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R255                | 1-216-295-91 | s RES, CHIP 0               |
| R256                | 1-216-295-91 | s RES, CHIP 0               |
| R274                | 1-216-295-91 | s RES, CHIP 0               |
| R275                | 1-216-295-91 | s RES, CHIP 0               |
| R276                | 1-216-295-91 | s RES, CHIP 0               |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R277                | 1-216-295-91 s | RES, CHIP 0                 |
| R278                | 1-216-295-91 s | RES, CHIP 0                 |
| R283                | 1-216-295-91 s | RES, CHIP 0                 |
| R301                | 1-216-295-91 s | RES, CHIP 0                 |
| R303                | 1-216-295-91 s | RES, CHIP 0                 |
| R308                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R309                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R310                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R311                | 1-216-091-00 s | METAL, CHIP 56k 5% 1/10W    |
| R312                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R313                | 1-216-091-00 s | METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R318                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R319                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-295-91 s | RES, CHIP 0                 |
| R330                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R383                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R407                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R412                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R417                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R419                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R420                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |

(DV-17 BOARD(For PAL); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R425                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R427                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R428                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R429                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R430                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R431                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R432                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R435                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R438                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R439                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R440                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R441                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R442                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R445                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R448                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R449                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R501                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R502                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R504                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R506                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R507                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R508                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R509                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R510                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R511                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R512                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R514                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R515                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R516                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R517                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R518                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R519                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R520                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R521                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R522                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R523                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R526                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R527                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R528                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R529                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R530                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R531                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R535                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R537                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R538                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R539                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R540                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R541                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R544                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |

(DV-17 BOARD(For PAL); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R547                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R548                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R549                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R606                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R607                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R633                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R639                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R644                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R706                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R707                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R710                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R711                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R712                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R713                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |

(DV-17 BOARD(For PAL); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R714                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R715                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R716                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R717                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R718                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W  |
| R719                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R720                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
| R723                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R728                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R733                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R737                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R739                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R740                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W     |
| R749                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47K x 8 |
| RB107               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB151               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB251               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47K x 8 |
| RB301               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47K x 8 |
| RB302               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB351               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 s | RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 s | RES, ADJ, METAL 10k          |

(DV-17 BOARD(For PAL); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description   |
|---------------------|--------------|------------------|
| RY401               | 1-515-716-11 | s RELAY (TQ2-5V) |
| RY501               | 1-515-716-11 | s RELAY (TQ2-5V) |
| RY601               | 1-515-716-11 | s RELAY (TQ2-5V) |
| RY701               | 1-515-716-11 | s RELAY (TQ2-5V) |

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DV-17 BOARD(For PAL); Suffix -11  
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| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

This list corresponds to the board suffix number -11.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10051 and higher (For DSR-60P CE)
- \*2) Serial number; 10001 through 10350 (For DSR-60P CE)
- \*3) Serial number; 10351 and higher (For DSR-60P CE)

1pc A-8312-964-A o MOUNTED CIRCUIT BOARD, DV-17A

The DV-17A board with board suffix number -11 includes the PD-82 board.

See the list in the PD-82 board for details.

|     |              |                                    |
|-----|--------------|------------------------------------|
| 1pc | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |

|    |              |                            |
|----|--------------|----------------------------|
| C1 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C2 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C3 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C4 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C5 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |

|     |              |                           |
|-----|--------------|---------------------------|
| C6  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C7  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C8  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C9  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C10 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |

|     |              |                           |
|-----|--------------|---------------------------|
| C11 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C12 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C13 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C14 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C15 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |

|     |              |                              |
|-----|--------------|------------------------------|
| C16 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C17 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C18 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V   |
| C19 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V   |
| C20 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V   |

|     |              |                            |
|-----|--------------|----------------------------|
| C21 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C22 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C23 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C24 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C25 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |

|     |              |                            |
|-----|--------------|----------------------------|
| C26 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C27 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C28 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C29 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C30 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |

|      |              |                            |
|------|--------------|----------------------------|
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C101 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C102 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |

|      |              |                             |
|------|--------------|-----------------------------|
| C103 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C104 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C105 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C106 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C107 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |

|      |              |                            |
|------|--------------|----------------------------|
| C108 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C109 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C110 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |

(DV-17 BOARD(For PAL); Suffix -11)

\*1)

\*1)



(DV-17 BOARD(For PAL): Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description                  |
|---------------------|--------------|----|------------------------------|
| C410                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C411                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C412                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C413                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C414                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C415                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C417                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C419                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C420                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C421                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C422                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C423                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C424                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C501                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C502                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C503                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C504                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C505                | 1-163-139-00 | s  | CERAMIC, CHIP 820pF 5% 50V   |
| C506                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C507                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C508                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C509                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C510                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C511                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C512                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C513                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C514                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C515                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C517                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C519                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C520                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C521                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C522                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C523                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C524                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C601                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C602                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C603                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s  | CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s  | ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s  | CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s  | CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s  | ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-163-275-11 | s  | CERAMIC, CHIP 0.001uF 5% 50V |
| C620                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-126-394-11 | s  | ELECT, CHIP 10uF 20% 16V     |
| C622                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s  | CERAMIC, CHIP 0.1uF 25V      |
| C701                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |
| C702                | 1-163-259-91 | s  | CERAMIC, CHIP 220pF 5% 50V   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C703                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C716                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C724                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| CN1                 | 1-774-392-11 | o CONNECTOR, BB 60P, FEMALE    |
| D151                | 8-719-027-95 | s DIODE HSM88WK                |
| D152                | 8-719-041-39 | s DIODE KV1470                 |
| D301                | 8-719-041-39 | s DIODE KV1470                 |
| D302                | 8-719-041-39 | s DIODE KV1470                 |
| D401                | 8-719-801-48 | s DIODE 1SS193                 |
| D402                | 8-719-820-41 | s DIODE 1SS302                 |
| D403                | 8-719-820-41 | s DIODE 1SS302                 |
| D501                | 8-719-801-48 | s DIODE 1SS193                 |
| D502                | 8-719-820-41 | s DIODE 1SS302                 |
| D503                | 8-719-820-41 | s DIODE 1SS302                 |
| D801                | 8-719-801-48 | s DIODE 1SS193                 |
| D803                | 8-719-820-41 | s DIODE 1SS302                 |
| D805                | 8-719-820-41 | s DIODE 1SS302                 |
| D808                | 8-719-801-48 | s DIODE 1SS193                 |
| D810                | 8-719-820-41 | s DIODE 1SS302                 |
| D812                | 8-719-820-41 | s DIODE 1SS302                 |
| E151                | 1-535-877-22 | o CHECKER CHIP                 |
| E251                | 1-535-877-22 | o CHECKER CHIP                 |
| E252                | 1-535-877-22 | o CHECKER CHIP                 |
| E301                | 1-535-877-22 | o CHECKER CHIP                 |
| FB101               | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |
| FB102               | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |
| FL201               | 1-233-314-11 | s FILTER, NOISE CHIP           |
| IC10                | 8-759-300-71 | s IC HD14053BFP                |
| IC11                | 8-759-009-06 | s IC MC14052BF                 |
| IC12                | 8-759-702-02 | s IC NJM062M                   |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U                  |
| IC14                | 8-759-172-41 | s IC L78M09T-TL                |
| IC15                | 8-759-068-03 | s IC NJM79L09UA                |
| IC101               | 8-759-337-30 | s IC UPD482445LGW-B10-E2       |
| IC102               | 8-759-385-90 | s IC CXD2187AR                 |
| IC103               | 8-759-079-87 | s IC TC74VHC245FS(EL)          |
| IC104               | 8-759-079-87 | s IC TC74VHC245FS(EL)          |
| IC105               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC106               | 8-759-167-20 | s IC UPD42280GU-30             |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| IC107               | 8-759-186-77 | s IC TC74VHC541F          |
| IC108               | 8-759-186-77 | s IC TC74VHC541F          |
| IC121               | 8-759-328-28 | s IC ZA4024               |
| IC122               | 8-759-426-26 | s IC CXD8608R             |
| IC123               | 8-759-328-28 | s IC ZA4024               |
| IC124               | 8-752-378-68 | s IC CXD3101R             |
| IC125               | 8-759-327-31 | s IC CXD2183R             |
| IC151               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC152               | 8-752-375-05 | s IC CXD2191R-T6          |
| IC153               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC201               | 8-759-457-61 | s IC CXD8628BR            |
| IC207               | 8-759-081-48 | s IC TC74VHC08F           |
| IC209               | 8-759-186-51 | s IC TC74VHC157F          |
| IC211               | 8-759-186-51 | s IC TC74VHC157F          |
| IC212               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC214               | 8-759-186-63 | s IC TC74VHC245F(EL)      |
| IC252               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC253               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC301               | 8-752-374-96 | s IC CXD2190R-T6          |
| IC302               | 8-752-374-96 | s IC CXD2190R-T6          |
| IC303               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC304               | 8-759-337-74 | s IC HM62V256LT8Z         |
| IC305               | 8-759-079-46 | s IC TC74VHC00FS(EL)      |
| IC308               | 8-759-362-16 | s IC CXD2913AQ            |
| IC309               | 8-759-362-16 | s IC CXD2913AQ            |
| IC310               | 8-759-702-02 | s IC NJM062M              |
| IC311               | 8-759-702-02 | s IC NJM062M              |
| IC351               | 8-759-927-18 | s IC SN74HCT541NS         |
| IC352               | 8-759-335-02 | s IC TC74ACT157FS(EL)     |
| IC353               | 8-752-352-30 | s IC CXD2705AQ            |
| IC354               | 8-752-352-30 | s IC CXD2705AQ            |
| IC355               | 8-759-335-55 | s IC MSM514256B-70JS11DR1 |
| IC356               | 8-759-335-55 | s IC MSM514256B-70JS11DR1 |
| IC357               | 8-759-326-71 | s IC CXD8517Q             |
| IC358               | 8-759-326-71 | s IC CXD8517Q             |
| IC359               | 8-759-079-46 | s IC TC74VHC00FS(EL)      |
| IC360               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC361               | 8-759-079-61 | s IC TC74VHC74FS(EL)      |
| IC381               | 8-759-173-51 | s IC SM5872AS-ET          |
| IC382               | 8-759-173-51 | s IC SM5872AS-ET          |
| IC401               | 8-759-745-64 | s IC NJM4560M             |
| IC402               | 8-759-745-64 | s IC NJM4560M             |
| IC403               | 8-759-745-64 | s IC NJM4560M             |
| IC404               | 8-759-745-64 | s IC NJM4560M             |
| IC405               | 8-759-521-14 | s IC NJM5532S-D           |
| IC501               | 8-759-745-64 | s IC NJM4560M             |
| IC503               | 8-759-745-64 | s IC NJM4560M             |
| IC504               | 8-759-745-64 | s IC NJM4560M             |
| IC505               | 8-759-521-14 | s IC NJM5532S-D           |
| IC601               | 8-759-745-64 | s IC NJM4560M             |
| IC602               | 8-759-702-02 | s IC NJM062M              |
| IC603               | 8-759-702-02 | s IC NJM062M              |
| IC604               | 8-759-702-02 | s IC NJM062M              |
| IC605               | 8-759-521-14 | s IC NJM5532S-D           |
| IC701               | 8-759-745-64 | s IC NJM4560M             |
| IC703               | 8-759-702-02 | s IC NJM062M              |
| IC704               | 8-759-702-02 | s IC NJM062M              |
| IC705               | 8-759-521-14 | s IC NJM5532S-D           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| L11                 | 1-412-364-21   | s INDUCTOR, CHIP            |
| L101                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L102                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
|                     | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L103                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L104                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L122                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L151                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L152                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L153                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L154                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L201                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L203                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L204                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L251                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L301                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L302                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L303                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L304                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L305                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L306                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L307                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L309                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L310                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L311                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |
| L351                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L352                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L353                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L354                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L355                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L356                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L357                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L381                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L382                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L383                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L384                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS14                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS17                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |
| Q15                 | 8-729-027-59   | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q381                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |
| Q382                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |
| Q383                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |
| Q384                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |
| Q385                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |
| Q386                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q387                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q388                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q389                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q390                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q401                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q402                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q403                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q404                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q405                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q501                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q502                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q503                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q504                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q505                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q601                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| R10                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R14                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R15                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R16                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R17                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R103                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R104                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R105                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R134                | 1-216-295-91 | s RES, CHIP 0               |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R152                | 1-216-295-91 | s RES, CHIP 0               |

(DV-17 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| R153                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R154                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R155                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R156                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R157                | 1-216-129-00 s | METAL, CHIP 2.2M 5% 1/10W |
| R158                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W  |
| R159                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R160                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R162                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W |
| R163                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R167                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R168                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R169                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R170                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R171                | 1-216-295-91 s | RES, CHIP 0               |
| R173                | 1-216-295-91 s | RES, CHIP 0               |
| R205                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R206                | 1-216-295-91 s | RES, CHIP 0               |
| R207                | 1-216-295-91 s | RES, CHIP 0               |
| R208                | 1-216-295-91 s | RES, CHIP 0               |
| R209                | 1-216-295-91 s | RES, CHIP 0               |
| R210                | 1-216-295-91 s | RES, CHIP 0               |
| R251                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R253                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R254                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R255                | 1-216-295-91 s | RES, CHIP 0               |
| R256                | 1-216-295-91 s | RES, CHIP 0               |
| R257                | 1-216-295-91 s | RES, CHIP 0               |
| R258                | 1-216-295-91 s | RES, CHIP 0               |
| R259                | 1-216-295-91 s | RES, CHIP 0               |
| R260                | 1-216-295-91 s | RES, CHIP 0               |
| R261                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R262                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R263                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R264                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R265                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R266                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R267                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R268                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R269                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R270                | 1-216-295-91 s | RES, CHIP 0               |
| R271                | 1-216-295-91 s | RES, CHIP 0               |
| R272                | 1-216-295-91 s | RES, CHIP 0               |
| R273                | 1-216-295-91 s | RES, CHIP 0               |
| R274                | 1-216-295-91 s | RES, CHIP 0               |
| R275                | 1-216-295-91 s | RES, CHIP 0               |
| R276                | 1-216-295-91 s | RES, CHIP 0               |
| R277                | 1-216-295-91 s | RES, CHIP 0               |
| R278                | 1-216-295-91 s | RES, CHIP 0               |
| R279                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R280                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R281                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R282                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R283                | 1-216-295-91 s | RES, CHIP 0               |
| R301                | 1-216-295-91 s | RES, CHIP 0               |
| R303                | 1-216-295-91 s | RES, CHIP 0               |
| R308                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R309                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R310                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R311                | 1-216-091-00 s | METAL, CHIP 56k 5% 1/10W    |
| R312                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R313                | 1-216-091-00 s | METAL, CHIP 56k 5% 1/10W    |
| R314                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R315                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R316                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R318                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R319                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R321                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R323                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R326                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R327                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-295-91 s | RES, CHIP 0                 |
| R330                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R331                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R351                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R352                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R353                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R354                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R355                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R381                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R382                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R383                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R384                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R385                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R386                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R401                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R404                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R405                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R406                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R407                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R408                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R409                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R410                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R411                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R412                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R413                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R414                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R415                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R417                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R419                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R420                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R421                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R423                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R424                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R425                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R427                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R601                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R606                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R607                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R633                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R637                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R639                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R640                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R644                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R706                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R707                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R710                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R711                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R712                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R713                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R714                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R715                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R716                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R717                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R718                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W  |
| R719                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R720                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R721                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R722                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R723                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R724                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R725                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R726                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R727                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R728                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R729                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R730                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R731                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R732                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R733                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R735                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R737                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R738                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W  |
| R739                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W  |
| R740                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R741                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R742                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R747                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R748                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R749                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB104               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB107               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB108               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB109               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB151               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB153               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB154               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB206               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB251               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB252               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB301               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB351               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV401               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV501               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RY401               | 1-515-716-11 | s RELAY                        |
| RY501               | 1-515-716-11 | s RELAY                        |

(DV-17 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|-----------------|
| RY601               | 1-515-716-11 | s RELAY         |
| RY701               | 1-515-716-11 | s RELAY         |
| TP301               | 1-535-877-22 | o CHECKER, CHIP |
| TP302               | 1-535-877-22 | o CHECKER, CHIP |

## FP-75 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8277-913-A | o MOUNTED CIRCUIT BOARD, FP-75  |
| C1                  | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| CN724               | 1-573-397-11 | s CONNECTOR, FPC 11P            |
| D1                  | 8-719-024-81 | s DIODE 1SS300-TE85L            |
| D2                  | 8-719-024-81 | s DIODE 1SS300-TE85L            |
| D3                  | 8-719-024-81 | s DIODE 1SS300-TE85L            |
| D4                  | 8-719-024-81 | s DIODE 1SS300-TE85L            |
| D5                  | 8-719-024-81 | s DIODE 1SS300-TE85L            |
| R1                  | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| R2                  | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| RV1                 | 1-237-695-11 | s RES, VAR CARBON 5k            |
| RV2                 | 1-237-695-11 | s RES, VAR CARBON 5k            |
| S1                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S2                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S3                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S4                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S5                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S6                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S7                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S8                  | 1-571-977-11 | s SWITCH, PUSH                  |
| S9                  | 1-762-234-11 | s SWITCH, SLIDE                 |
| S10                 | 1-571-640-11 | s SWITCH, SLIDE                 |

## HP-73BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| 1pc                 | A-8277-912-A | o MOUNTED CIRCUIT BOARD, HP-73 |
| CN731               | 1-506-477-11 | s CONNECTOR 12P, MALE          |
| CN733               | 1-506-468-11 | s CONNECTOR 3P, MALE           |
| JW1                 | 1-219-202-11 | s RES 0                        |

## IO-149 BOARD(For NTSC); Suffix -14

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -14.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-954-A | s MOUNTED CIRCUIT BOARD, IO-149B   |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| C1   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C6   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C38  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C103 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C108 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C113 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C116 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C117 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C118 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |
| C119 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |
| C120 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C121 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C122 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C123 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C124 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |

(IO-149 BOARD(For NTSC); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C125                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C126                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C127                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C128                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C129                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C130                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C131                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C132                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C133                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C134                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C135                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C136                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C137                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C138                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C139                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C140                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C141                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C142                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C143                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C144                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C145                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C146                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C147                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C148                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C149                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C150                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C151                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C152                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C153                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C154                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C155                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C156                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C158                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C159                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C160                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C161                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C162                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C163                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C164                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C165                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C166                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C167                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C168                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C169                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C170                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C171                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C172                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C173                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C174                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C175                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C190                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C213                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C220                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V     |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C223                | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V    |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C225                | 1-163-224-11 | s CERAMIC, CHIP 7pF 0.25pF 50V  |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V    |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V    |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-224-11 | s CERAMIC, CHIP 7pF 0.25pF 50V  |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C345                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C346                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C361                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C371                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C501                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C502                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 | s CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C517                | 1-163-021-91 | s CERAMIC 0.01uF 10% 50V        |
| C518                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C528                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C530                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C531                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

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|---------------------|--------------|---------------------------------|
| C543                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C544                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C547                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C552                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C553                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C554                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C601                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 | s ELECT, CHIP 4.7uF 20% 50V     |
| C607                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C608                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C610                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C611                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C612                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C614                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C617                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C619                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C637                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C639                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C640                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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|---------------------|----------------|---------------------------------|
| C649                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11   | s ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C653                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C654                | 1-163-245-11   | s CERAMIC, CHIP 56pF 5% 50V     |
| C655                | 1-163-245-11   | s CERAMIC, CHIP 56pF 5% 50V     |
| C656                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C657                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C658                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C662                | 1-102-110-00   | s CERAMIC, CHIP 220pF 10% 50V   |
| C663                | 1-163-133-00   | s CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D2                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D3                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39   | s DIODE KV1470                  |
| D102                | 8-719-041-39   | s DIODE KV1470                  |
| D103                | 8-719-041-39   | s DIODE KV1470                  |
| D104                | 8-719-941-23   | s DIODE DA204U                  |
| D105                | 8-719-941-23   | s DIODE DA204U                  |
| D106                | 8-719-989-08   | s DIODE RB717F                  |
| D301                | 8-719-976-99   | s DIODE DTZ5.1B                 |
| D302                | 8-719-941-23   | s DIODE DA204U                  |
| D501                | 8-719-941-23   | s DIODE DA204U                  |
| D601                | 8-719-002-81   | s DIODE 1T363                   |
| D602                | 8-719-002-81   | s DIODE 1T363                   |
| F1                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F2                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F3                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F4                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F5                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F6                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| FL101               | 1-233-598-11   | s FILTER, LOW-PASS              |
| FL102               | 1-233-598-11   | s FILTER, LOW-PASS              |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS              |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS              |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC3                 | 8-759-172-41   | s IC L78M09T-TL                 |
| IC4                 | 8-759-172-41   | s IC L78M09T-TL                 |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC8                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC101               | 8-759-198-63   | s IC S-81230SG-QB-T1            |
| IC102               | 8-759-278-58   | s IC NJM4558V-TE2               |



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|---------------------|--------------|------------------------|
| IC103               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC106               | 8-759-082-61 | s IC TC4W53FU          |
| IC107               | 8-759-076-06 | s IC TL064CPW          |
| IC108               | 8-759-076-06 | s IC TL064CPW          |
| IC109               | 8-752-052-77 | s IC CXA1450M          |
| IC110               | 8-752-363-60 | s IC CXD2307R-T4       |
| IC111               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC112               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC113               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC114               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 | s IC CXA1521M          |
| IC116               | 8-752-054-80 | s IC CXA1521M          |
| IC117               | 8-759-906-59 | s IC CX22017           |
| IC118               | 8-759-907-81 | s IC SN74LS221NS       |
| IC301               | 8-759-082-59 | s IC TC7W32FU          |
| IC302               | 8-759-082-61 | s IC TC4W53FU          |
| IC304               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC305               | 8-759-082-61 | s IC TC4W53FU          |
| IC306               | 8-752-052-73 | s IC CXA1451M          |
| IC307               | 8-752-052-73 | s IC CXA1451M          |
| IC308               | 8-759-262-00 | s IC MC14576CF         |
| IC309               | 8-752-052-73 | s IC CXA1451M          |
| IC310               | 8-752-052-73 | s IC CXA1451M          |
| IC311               | 8-752-052-73 | s IC CXA1451M          |
| IC312               | 8-759-082-61 | s IC TC4W53FU          |
| IC501               | 8-759-082-57 | s IC TC7W04FU          |
| IC502               | 8-752-052-77 | s IC CXA1450M          |
| IC503               | 8-752-052-77 | s IC CXA1450M          |
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881M           |
| IC513               | 8-759-523-97 | s IC TC74VHC123AFT(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-459-26 | s IC TC5081BP          |
| IC603               | 8-759-524-04 | s IC TC74VHC125FT(EL)  |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-523-97 | s IC TC74VHC123AFT(EL) |
| IC613               | 8-759-524-22 | s IC TC74VHC175FT(EL)  |
| IC614               | 8-759-526-00 | s IC CXD8165AQ         |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |

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|---------------------|--------------|---------------------------|
| IC619               | 8-759-271-86 | s IC TC7SH04FU            |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH     |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L305                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |
| L306                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |
| L501                | 1-410-390-11 | s INDUCTOR, CHIP 56uH     |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L605                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L606                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L607                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L608                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q322                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q323                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q325                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q326                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q327                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q328                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q329                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q330                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q331                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q332                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q333                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q334                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q335                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q336                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q337                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q338                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q339                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-208-803-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-208-783-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
|                     |              |                               |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R142                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
|                     |              |                               |
| R143                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R144                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
|                     |              |                               |
| R148                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
|                     |              |                               |
| R153                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
|                     |              |                               |
| R158                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
|                     |              |                               |
| R163                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
|                     |              |                               |
| R168                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W  |
|                     |              |                               |
| R173                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     |              |                               |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
|                     |              |                               |
| R183                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R192                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R197                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
|                     |              |                               |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
|                     |              |                               |
| R212                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
|                     |              |                               |
| R217                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R218                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R219                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R222                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R224                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
|                     |              |                               |
| R227                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
|                     |              |                               |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     |              |                               |
| R242                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-208-780-11 | s METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R247                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R251                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R252                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 s | RES, CHIP 0                 |
| R259                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-208-818-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R263                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-208-797-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R274                | 1-208-792-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R280                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R282                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R283                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R284                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R285                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R286                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R301                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-208-758-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 s | RES, CHIP 0                 |
| R314                | 1-208-792-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R317                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R319                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R322                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R325                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R338                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-208-765-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R366                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R404                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R411                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R422                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R428                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R435                | 1-208-791-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R436                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-208-777-11 | s METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R447                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R448                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R449                | 1-208-791-11 | s METAL, CHIP 2.4k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R450                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R504                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R506                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R507                | 1-216-295-91 | s RES, CHIP 0                 |
| R508                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R510                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R512                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R513                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-208-822-11 | s CHIP, METAL 47k 0.5% 1/10W  |
| R517                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R548                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |



(IO-149 BOARD(For NTSC); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-208-850-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R604                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 | s RES, CHIP 0                 |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R613                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |

(IO-149 BOARD(For NTSC); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W      |
| R619                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W     |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W     |
| R621                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W     |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W     |
| R623                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W    |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W    |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W     |
| R628                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W    |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W     |
| R630                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W    |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W       |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     |
| R635                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R637                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W     |
| R638                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W    |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W       |
| R640                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R641                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W    |
| R642                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W   |
| R643                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W    |
| R644                | 1-208-769-11 | s METAL, CHIP 300 0.5% 1/10W    |
| R645                | 1-208-769-11 | s METAL, CHIP 300 0.5% 1/10W    |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RV101               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV102               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV103               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV104               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV105               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV106               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV107               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV108               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV109               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV110               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV111               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV112               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV301               | 1-237-033-11 | s RES, ADJ, METAL 1k            |

(IO-149 BOARD(For NTSC); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| RV302               | 1-237-034-11 s | RES, ADJ, METAL 2k    |
| RV303               | 1-237-032-11 s | RES, ADJ, METAL 500   |
| RV304               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV305               | 1-237-035-11 s | RES, ADJ, METAL 5k    |
| RV306               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV307               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV308               | 1-237-032-11 s | RES, ADJ, METAL 500   |
| RV309               | 1-237-034-11 s | RES, ADJ, METAL 2k    |
| RV310               | 1-237-034-11 s | RES, ADJ, METAL 2k    |
| RV311               | 1-237-032-11 s | RES, ADJ, METAL 500   |
| RV312               | 1-237-035-11 s | RES, ADJ, METAL 5k    |
| RV313               | 1-237-035-11 s | RES, ADJ, METAL 5k    |
| RV314               | 1-237-032-11 s | RES, ADJ, METAL 500   |
| RV315               | 1-237-032-11 s | RES, ADJ, METAL 500   |
| RV316               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV317               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV318               | 1-237-030-11 s | RES, ADJ, METAL 100   |
| RV319               | 1-237-030-11 s | RES, ADJ, METAL 100   |
| RV501               | 1-237-035-11 s | RES, ADJ, METAL 5k    |
| RV502               | 1-237-036-11 s | RES, ADJ, METAL 10k   |
| RV503               | 1-237-037-11 s | RES, ADJ, METAL 20k   |
| RV504               | 1-237-036-11 s | RES, ADJ, METAL 10k   |
| RV505               | 1-237-034-11 s | RES, ADJ, METAL 2k    |
| RV506               | 1-237-033-11 s | RES, ADJ, METAL 1k    |
| RV601               | 1-237-035-11 s | RES, ADJ, METAL 5k    |
| TH101               | 1-809-352-11 s | THERMISTOR, CHIP 1.5k |
| X101                | 1-767-260-11 s | CRYSTAL 13.50MHz      |
| X102                | 1-767-260-11 s | CRYSTAL 13.50MHz      |
| X103                | 1-767-260-11 s | CRYSTAL 13.50MHz      |
| X601                | 1-767-262-11 s | CRYSTAL 27.00MHz      |
| X602                | 1-527-722-00 s | CRYSTAL 14.31818MHz   |

IO-149 BOARD(For NTSC); Suffix -13

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -13.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10540 (For DSR-60 UC)  
\*2) Serial number; 10621 and higher (For DSR-60 J)  
Serial number; 10541 and higher (For DSR-60 UC)

|      |                |                                  |
|------|----------------|----------------------------------|
| 1pc  | A-8312-954-A   | o MOUNTED CIRCUIT BOARD, IO-149B |
| 1pc  | 7-621-759-45 s | +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 s | LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 s | LEVER (R), PRINTED CIRCUIT BOARD |
| C1   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C6   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C24  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C33  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C38  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C103 | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C108 | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C113 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C116 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C117 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C118 | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V        |

(IO-149 BOARD(For NTSC); Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C119                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C120                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C121                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C122                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C123                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C124                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C125                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C126                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C127                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C128                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C129                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C130                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C131                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C132                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C133                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C134                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C135                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C136                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C137                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C138                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C139                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C140                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C141                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C142                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C143                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C144                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C145                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C146                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C147                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C148                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C149                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C150                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C151                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C152                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C153                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C154                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C155                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C156                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C158                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C159                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C160                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C161                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C162                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C163                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C164                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C165                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C166                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C167                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C168                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C169                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C170                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C171                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C172                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C173                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C174                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C175                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |

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|---------------------|--------------|---------------------------------|-----|
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |     |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |     |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |     |
| C190                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     | *1) |
|                     | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     | *2) |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |     |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |     |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |     |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |     |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C213                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     | *1) |
|                     | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     | *2) |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |     |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |     |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C220                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V     |     |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |     |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |     |
| C223                | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V    |     |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C225                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V         |     |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |     |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |     |
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |     |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |

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|---------------------|----------------|-------------------------------|
| C234                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5% 50V    |
| C312                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5% 50V    |
| C320                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C324                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-224-11 s | CERAMIC, CHIP 7pF 50V         |
| C335                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C345                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |

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|---------------------|----------------|-------------------------------|
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V *1) |
|                     | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V *2) |
| C501                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C517                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |

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|---------------------|----------------|-------------------------------|
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C554                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 s | ELECT, CHIP 4.7uF 20% 50V     |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C611                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.         | SP Description                |
|---------------------|------------------|-------------------------------|
| C637                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V       |
| C639                | 1-163-235-11 s   | CERAMIC, CHIP 22pF 5% 50V     |
| C640                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 s   | CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C653                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C654                | 1-163-245-11 s   | CERAMIC, CHIP 56pF 5% 50V     |
| C655                | 1-163-245-11 s   | CERAMIC, CHIP 56pF 5% 50V     |
| C656                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C657                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C658                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C663                | 1-163-133-00 s   | CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D2                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D3                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39 s   | DIODE KV1470                  |
| D102                | 8-719-041-39 s   | DIODE KV1470                  |
| D103                | 8-719-041-39 s   | DIODE KV1470                  |
| D104                | 8-719-941-23 s   | DIODE DA204U                  |
| D105                | 8-719-941-23 s   | DIODE DA204U                  |
| D106                | 8-719-989-08 s   | DIODE RB717F                  |
| D301                | 8-719-976-99 s   | DIODE DT25.1B                 |
| D302                | 8-719-941-23 s   | DIODE DA204U                  |
| D501                | 8-719-941-23 s   | DIODE DA204U                  |
| D601                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| E101                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E102                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E103                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E301                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E501                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E601                | 1-535-877-22 o   | CHECKER, CHIP                 |
| F1                  | Δ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F2                  | Δ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F3                  | Δ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F4                  | Δ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F5                  | Δ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F6                  | Δ 1-533-282-21 s | LINK, IC, CHIP 2A             |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| FL101               | 1-233-598-11 | s FILTER, LOW-PASS     |
| FL102               | 1-233-598-11 | s FILTER, LOW-PASS     |
| FL103               | 1-233-614-11 | s FILTER, LOW-PASS     |
| FL104               | 1-239-771-11 | s FILTER, LOW-PASS     |
| FL1001              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1002              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1003              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| IC1                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC2                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC3                 | 8-759-172-41 | s IC L78M09T-TL        |
| IC4                 | 8-759-172-41 | s IC L78M09T-TL        |
| IC5                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC6                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC7                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC8                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC101               | 8-759-198-63 | s IC S-81230SG-QB-T1   |
| IC102               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC103               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC106               | 8-759-082-61 | s IC TC4W53FU          |
| IC107               | 8-759-076-06 | s IC TL064CPW          |
| IC108               | 8-759-076-06 | s IC TL064CPW          |
| IC109               | 8-752-052-77 | s IC CXA1450M          |
| IC110               | 8-752-363-60 | s IC CXD2307R-T6       |
| IC111               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC112               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC113               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC114               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 | s IC CXA1521M          |
| IC116               | 8-752-054-80 | s IC CXA1521M          |
| IC117               | 8-759-906-59 | s IC CX22017           |
| IC118               | 8-759-907-81 | s IC SN74LS221NS       |
| IC301               | 8-759-082-59 | s IC TC7W04FU          |
| IC302               | 8-759-082-61 | s IC TC4W53FU          |
| IC304               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC305               | 8-759-082-61 | s IC TC4W53FU          |
| IC306               | 8-752-052-73 | s IC CXA1451M          |
| IC307               | 8-752-052-73 | s IC CXA1451M          |
| IC308               | 8-759-262-00 | s IC MC14576CF         |
| IC309               | 8-752-052-73 | s IC CXA1451M          |
| IC310               | 8-752-052-73 | s IC CXA1451M          |
| IC311               | 8-752-052-73 | s IC CXA1451M          |
| IC312               | 8-759-082-61 | s IC TC4W53FU          |
| IC501               | 8-759-082-57 | s IC TC7W04FU          |
| IC502               | 8-752-052-77 | s IC CXA1450M          |
| IC503               | 8-752-052-77 | s IC CXA1450M          |
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881MX          |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 | s IC LC311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-250-81 | s IC TC5081AP          |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)  |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 | s IC CXD8165Q          |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L305                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L306                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L501                | 1-410-390-11 | s INDUCTOR, CHIP 56uH  |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L605                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L606                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L607                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L608                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q322                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q323                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35      |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q325                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q326                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q327                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q328                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q329                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q330                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q331                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q332                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q333                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q334                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q335                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q336                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q337                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q338                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q339                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R115                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
|                     |                |                             |
| R120                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
|                     |                |                             |
| R125                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
|                     |                |                             |
| R130                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
|                     |                |                             |
| R135                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
|                     |                |                             |
| R140                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R142                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R143                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R144                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
|                     |                |                             |
| R145                | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
|                     |                |                             |
| R150                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
|                     |                |                             |
| R155                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
|                     |                |                             |
| R160                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
|                     |                |                             |
| R165                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R169                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
|                     |                |                             |
| R170                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R174                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     |                |                             |
| R179                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
|                     |                |                             |
| R184                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
|                     |                |                             |
| R189                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
|                     |                |                             |
| R194                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R199                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     |                |                             |
| R204                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
|                     |                |                             |
| R209                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
|                     |                |                             |
| R214                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R218                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
|                     |                |                             |
| R219                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R220                | 1-216-295-91 s | RES, CHIP 0                 |
| R221                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R222                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
|                     |                |                             |
| R224                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 s | RES, CHIP 0                 |
| R259                | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R274                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R280                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R282                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R283                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R284                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R285                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R286                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 s | RES, CHIP 0                 |
| R314                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R319                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R373                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R378                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
|                     |                |                             |
| R383                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R388                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
|                     |                |                             |
| R393                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
|                     |                |                             |
| R398                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
|                     |                |                             |
| R403                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R408                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
|                     |                |                             |
| R413                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
|                     |                |                             |
| R418                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R422                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
|                     |                |                             |
| R423                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
|                     |                |                             |
| R428                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R432                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R435                | 1-216-660-11 s | METAL, CHIP 2.4k 0.5% 1/10W |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
|                     |                |                             |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
|                     |                |                             |
| R442                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
|                     |                |                             |
| R447                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R449                | 1-216-660-11 s | METAL, CHIP 2.4k 0.5% 1/10W |
| R450                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
|                     |                |                             |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
|                     |                |                             |
| R457                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
|                     |                |                             |
| R503                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R504                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R506                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R507                | 1-216-295-91 s | RES, CHIP 0                 |
|                     |                |                             |
| R508                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R512                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
|                     |                |                             |
| R513                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
|                     |                |                             |
| R519                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     |                |                             |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
|                     |                |                             |
| R529                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R533                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R538                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R548                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
|                     |              |                               |
| R553                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
|                     |              |                               |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
|                     |              |                               |
| R563                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
|                     |              |                               |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
|                     |              |                               |
| R579                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
|                     |              |                               |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
|                     |              |                               |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R604                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
|                     |              |                               |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 | s RES, CHIP 0                 |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R613                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
|                     |              |                               |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R619                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
|                     |              |                               |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R621                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R623                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
|                     |              |                               |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R628                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
|                     |              |                               |
| R630                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
|                     |              |                               |
| R635                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R637                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W   |
| R638                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W  |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R640                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
|                     |              |                               |
| R641                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W  |
| R642                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R643                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R644                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R645                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
|                     |              |                               |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

(IO-149 BOARD(For NTSC); Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RV101               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV102               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV103               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV104               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV105               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV106               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV107               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV108               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV109               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV110               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV111               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV112               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV301               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV302               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV303               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV304               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV305               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV306               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV307               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV308               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV309               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV310               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV311               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV312               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV313               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV314               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV315               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV316               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV317               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV318               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV319               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV501               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV502               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV503               | 1-237-037-11 | s RES, ADJ METAL 20k            |
| RV504               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV505               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV506               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV601               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k         |
| TP101               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP102               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP103               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP301               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP302               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP303               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP304               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP305               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP306               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP307               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP501               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP502               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP601               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP602               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP603               | 1-535-877-22 | o CHECKER, CHIP                 |

(IO-149 BOARD(For NTSC); Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| TP604               | 1-535-877-22 | o CHECKER, CHIP       |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz    |
| X602                | 1-527-722-00 | s CRYSTAL 14.31818MHz |

## IO-149 BOARD(For NTSC); Suffix -12

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -12.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10360 (For DSR-60 UC)  
\*2) Serial number; 10621 and higher (For DSR-60 J)  
Serial number; 10361 and higher (For DSR-60 UC)

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-954-A | o MOUNTED CIRCUIT BOARD, IO-149B   |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| C1   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C6   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C38  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C103 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C108 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C113 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C116 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C117 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C118 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |

## (IO-149 BOARD(For NTSC); Suffix -12)

Ref. No.  
or Q'ty Part No. SP Description

|      |              |                                 |
|------|--------------|---------------------------------|
| C119 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C120 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C121 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C122 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C123 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C124 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C125 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C126 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C127 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C128 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C129 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C130 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C131 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C132 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C133 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C134 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C135 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C136 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C137 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C138 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C139 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C140 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C141 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C142 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C143 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C144 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C145 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C146 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C147 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C148 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C149 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C150 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C151 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C152 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C153 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C154 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C155 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C156 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C158 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C159 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C160 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C161 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C162 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C163 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C164 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C165 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C166 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C167 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C168 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C169 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C170 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C171 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C172 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C173 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C174 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C175 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C176 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C177 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C178                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C179                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C180                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C181                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C182                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C183                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C184                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C185                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C186                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C187                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C188                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C189                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C190                | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V *1) |
|                     | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V *2) |
| C191                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C192                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C193                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C194                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C195                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C196                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C197                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C198                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C199                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C200                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C201                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C203                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C204                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C205                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C206                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C207                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C208                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C209                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C210                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C211                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C212                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C213                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C214                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C215                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C216                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C217                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C218                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C219                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C220                | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V     |
| C221                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C222                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C223                | 1-163-118-00 s | CERAMIC, CHIP 110pF 5% 50V    |
| C224                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C225                | 1-163-224-11 s | CERAMIC, CHIP 7pF 50V         |
| C226                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C228                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C229                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C230                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C301                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5% 50V    |
| C312                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5% 50V    |
| C320                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C324                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-224-11 s | CERAMIC, CHIP 7pF 50V         |
| C335                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C345                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V *1) |
|                     | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V *2) |
| C501                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C517                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 s | ELECT, CHIP 4.7uF 20% 50V     |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C611                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C637                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |



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|---------------------|----------------|---------------------------------|
| C639                | 1-163-235-11   | s CERAMIC, CHIP 22pF 5% 50V     |
| C640                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11   | s CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11   | s ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11   | s ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C653                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C654                | 1-163-245-11   | s CERAMIC, CHIP 56pF 5% 50V     |
| C655                | 1-163-245-11   | s CERAMIC, CHIP 56pF 5% 50V     |
| C656                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C657                | 1-163-237-11   | s CERAMIC, CHIP 27pF 5% 50V     |
| C658                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C663                | 1-163-133-00   | s CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D2                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D3                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39   | s DIODE KV1470                  |
| D102                | 8-719-041-39   | s DIODE KV1470                  |
| D103                | 8-719-041-39   | s DIODE KV1470                  |
| D104                | 8-719-941-23   | s DIODE DA204U                  |
| D105                | 8-719-941-23   | s DIODE DA204U                  |
| D106                | 8-719-989-08   | s DIODE RB717F                  |
| D301                | 8-719-976-99   | s DIODE DTZ5.1B                 |
| D302                | 8-719-941-23   | s DIODE DA204U                  |
| D501                | 8-719-941-23   | s DIODE DA204U                  |
| D601                | 8-719-002-81   | s DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81   | s DIODE 1T363A-M20-T8A          |
| E101                | 1-535-877-22   | o CHECKER, CHIP                 |
| E102                | 1-535-877-22   | o CHECKER, CHIP                 |
| E103                | 1-535-877-22   | o CHECKER, CHIP                 |
| E301                | 1-535-877-22   | o CHECKER, CHIP                 |
| E501                | 1-535-877-22   | o CHECKER, CHIP                 |
| E601                | 1-535-877-22   | o CHECKER, CHIP                 |
| F1                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F2                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F3                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F4                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F5                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F6                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| FL101               | 1-233-598-11   | s FILTER, LOW-PASS              |
| FL102               | 1-233-598-11   | s FILTER, LOW-PASS              |

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|---------------------|--------------|------------------------|
| FL103               | 1-233-614-11 | s FILTER, LOW-PASS     |
| FL104               | 1-239-771-11 | s FILTER, LOW-PASS     |
| FL1001              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1002              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1003              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| IC1                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC2                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC3                 | 8-759-172-41 | s IC L78M09T-TL        |
| IC4                 | 8-759-172-41 | s IC L78M09T-TL        |
| IC5                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC6                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC7                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC8                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC101               | 8-759-198-63 | s IC S-81230SG-QB-T1   |
| IC102               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC103               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC106               | 8-759-082-61 | s IC TC4W53FU          |
| IC107               | 8-759-076-06 | s IC TL064CPW          |
| IC108               | 8-759-076-06 | s IC TL064CPW          |
| IC109               | 8-752-052-77 | s IC CXA1450M          |
| IC110               | 8-752-363-60 | s IC CXD2307R-T6       |
| IC111               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC112               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC113               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC114               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 | s IC CXA1521M          |
| IC116               | 8-752-054-80 | s IC CXA1521M          |
| IC117               | 8-759-906-59 | s IC CX22017           |
| IC118               | 8-759-907-81 | s IC SN74LS221NS       |
| IC301               | 8-759-082-59 | s IC TC7W32FU          |
| IC302               | 8-759-082-61 | s IC TC4W53FU          |
| IC304               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC305               | 8-759-082-61 | s IC TC4W53FU          |
| IC306               | 8-752-052-73 | s IC CXA1451M          |
| IC307               | 8-752-052-73 | s IC CXA1451M          |
| IC308               | 8-759-262-00 | s IC MC14576CF         |
| IC309               | 8-752-052-73 | s IC CXA1451M          |
| IC310               | 8-752-052-73 | s IC CXA1451M          |
| IC311               | 8-752-052-73 | s IC CXA1451M          |
| IC312               | 8-759-082-61 | s IC TC4W53FU          |
| IC501               | 8-759-082-57 | s IC TC7W04FU          |
| IC502               | 8-752-052-77 | s IC CXA1450M          |
| IC503               | 8-752-052-77 | s IC CXA1450M          |
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881MX          |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-250-81 | s IC TC5081AP          |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 | s IC CXD8165Q          |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L305                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L306                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L501                | 1-410-390-11 | s INDUCTOR, CHIP 56uH  |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L605                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L606                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L607                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| L608                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q322                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q323                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q325                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q326                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q327                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q328                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q329                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q330                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q331                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q332                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q333                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q334                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q335                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q336                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q337                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q338                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q339                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R142                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R143                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R177                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R218                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R219                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R220                | 1-216-295-91 s | RES, CHIP 0                 |
| R221                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R222                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R224                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 s | RES, CHIP 0                 |
| R259                | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R274                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R280                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R282                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 s | RES, CHIP 0                 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R314                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R319                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
|                     |              |                               |
| R324                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
|                     |              |                               |
| R329                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R336                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R341                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R346                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R351                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R361                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
|                     |              |                               |
| R366                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
|                     |              |                               |
| R371                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
|                     |              |                               |
| R376                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R380                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R385                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
|                     |              |                               |
| R390                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
|                     |              |                               |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
|                     |              |                               |
| R400                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
|                     |              |                               |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R410                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
|                     |              |                               |
| R420                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R422                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R425                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R428                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
|                     |              |                               |
| R430                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
|                     |              |                               |
| R435                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R436                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R439                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R447                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R448                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R449                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R450                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R504                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R506                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R507                | 1-216-295-91 | s RES, CHIP 0                 |
| R508                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R512                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R513                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R604                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W     |
| R606                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R607                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R608                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W       |
| R609                | 1-216-295-91 s | RES, CHIP 0                   |
| R610                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R612                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W      |
| R613                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R614                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R616                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W       |
| R617                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W      |
| R618                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W      |
| R619                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W     |
| R620                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W     |
| R621                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W     |
| R622                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W     |
| R623                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W    |
| R624                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R625                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W    |
| R626                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R627                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W     |
| R628                | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W    |
| R629                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W     |
| R630                | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W    |
| R631                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W      |
| R632                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W      |
| R633                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W       |
| R634                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W     |
| R635                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R637                | 1-216-115-00 s | METAL, CHIP 560k 5% 1/10W     |
| R638                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W    |
| R639                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W       |
| R640                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R641                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W    |
| R642                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W   |
| R643                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W    |
| R644                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W    |
| R645                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W    |
| R646                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R647                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R649                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R650                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R651                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R652                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R653                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R654                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R655                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R656                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R657                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R658                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R659                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R660                | 1-216-295-91 s | RES, CHIP 0                   |
| R661                | 1-216-295-91 s | RES, CHIP 0                   |
| R662                | 1-216-295-91 s | RES, CHIP 0                   |
| RB101               | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 s | RESISTOR BLOCK, CHIP 2.2k x 4 |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| RV101               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV102               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV103               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV104               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV105               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV106               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV107               | 1-237-036-11 s | RES, ADJ METAL 10k    |
| RV108               | 1-237-038-11 s | RES, ADJ METAL 50k    |
| RV109               | 1-237-038-11 s | RES, ADJ METAL 50k    |
| RV110               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV111               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV112               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV301               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV302               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV303               | 1-237-032-11 s | RES, ADJ METAL 500    |
| RV304               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV305               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV306               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV307               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV308               | 1-237-032-11 s | RES, ADJ METAL 500    |
| RV309               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV310               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV311               | 1-237-032-11 s | RES, ADJ METAL 500    |
| RV312               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV313               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV314               | 1-237-032-11 s | RES, ADJ METAL 500    |
| RV315               | 1-237-032-11 s | RES, ADJ METAL 500    |
| RV316               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV317               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV318               | 1-237-030-11 s | RES, ADJ METAL 100    |
| RV319               | 1-237-030-11 s | RES, ADJ METAL 100    |
| RV501               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| RV502               | 1-237-036-11 s | RES, ADJ METAL 10k    |
| RV503               | 1-237-037-11 s | RES, ADJ METAL 20k    |
| RV504               | 1-237-036-11 s | RES, ADJ METAL 10k    |
| RV505               | 1-237-034-11 s | RES, ADJ METAL 2k     |
| RV506               | 1-237-033-11 s | RES, ADJ METAL 1k     |
| RV601               | 1-237-035-11 s | RES, ADJ METAL 5k     |
| TH101               | 1-809-352-11 s | THERMISTOR, CHIP 1.5k |
| TP101               | 1-535-877-22 o | CHECKER, CHIP         |
| TP102               | 1-535-877-22 o | CHECKER, CHIP         |
| TP103               | 1-535-877-22 o | CHECKER, CHIP         |
| TP301               | 1-535-877-22 o | CHECKER, CHIP         |
| TP302               | 1-535-877-22 o | CHECKER, CHIP         |
| TP303               | 1-535-877-22 o | CHECKER, CHIP         |
| TP304               | 1-535-877-22 o | CHECKER, CHIP         |
| TP305               | 1-535-877-22 o | CHECKER, CHIP         |
| TP306               | 1-535-877-22 o | CHECKER, CHIP         |
| TP307               | 1-535-877-22 o | CHECKER, CHIP         |
| TP501               | 1-535-877-22 o | CHECKER, CHIP         |
| TP502               | 1-535-877-22 o | CHECKER, CHIP         |
| TP601               | 1-535-877-22 o | CHECKER, CHIP         |
| TP602               | 1-535-877-22 o | CHECKER, CHIP         |
| TP603               | 1-535-877-22 o | CHECKER, CHIP         |
| TP604               | 1-535-877-22 o | CHECKER, CHIP         |
| X101                | 1-767-260-11 s | CRYSTAL 13.50MHz      |
| X102                | 1-767-260-11 s | CRYSTAL 13.50MHz      |

(IO-149 BOARD(For NTSC); Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description      |
|---------------------|----------------|---------------------|
| X103                | 1-767-260-11 s | CRYSTAL 13.50MHz    |
| X601                | 1-767-262-11 s | CRYSTAL 27.00MHz    |
| X602                | 1-527-722-00 s | CRYSTAL 14.31818MHz |

IO-149 BOARD(For NTSC); Suffix -11

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

This list corresponds to the board suffix number -11.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10020 (For DSR-60 J)  
Serial number; 10001 through 10030 (For DSR-60 UC)
- \*2) Serial number; 10021 and higher (For DSR-60 J)  
Serial number; 10031 and higher (For DSR-60 UC)
- \*3) Serial number; 10001 through 10120 (For DSR-60 J)  
Serial number; 10001 through 10180 (For DSR-60 UC)
- \*4) Serial number; 10121 and higher (For DSR-60 J)  
Serial number; 10181 and higher (For DSR-60 UC)

|      |                |                                  |
|------|----------------|----------------------------------|
| 1pc  | A-8312-954-A   | o MOUNTED CIRCUIT BOARD, IO-149B |
| 1pc  | 7-621-759-45 s | +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 s | LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 s | LEVER (R), PRINTED CIRCUIT BOARD |
| C1   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V       |
| C6   | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C24  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C33  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C38  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C103 | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C108 | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C113 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V      |

(IO-149 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C116                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C117                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C118                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C119                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C120                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C121                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C122                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C123                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C124                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C125                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C126                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C127                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C128                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C129                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C130                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C131                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C132                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C133                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C134                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C135                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C136                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C137                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C138                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C139                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C140                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C141                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C142                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C143                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C144                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C145                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C146                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C147                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C148                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C149                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C150                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C151                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C152                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C153                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C154                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C155                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C156                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C157                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C158                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C159                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C160                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C161                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C162                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C163                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C164                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C165                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C166                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C167                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C168                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C169                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C170                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C171                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C172                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C173                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C174                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C175                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C176                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C177                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C178                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C179                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C180                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C181                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C182                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C183                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C184                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C185                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C186                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C187                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C188                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C189                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C190                | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V     |
| C191                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C192                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C193                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C194                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C195                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C196                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C197                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C198                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C199                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C200                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C201                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C203                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C204                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C205                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C206                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C207                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C208                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C209                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C210                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C211                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C212                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C213                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C214                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C215                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C216                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C217                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C218                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C219                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C220                | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V     |
| C221                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C222                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C223                | 1-163-118-00 s | CERAMIC, CHIP 110pF 5% 50V    |
| C224                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C225                | 1-163-224-11 s | CERAMIC, CHIP 7pF 50V         |
| C226                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C228                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C229                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C230                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V    |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V    |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C322                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V         |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C345                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C346                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C359                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C361                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
|                     | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C501                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C502                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 | s CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C517                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C518                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C553                | 1-124-589-11 s | ELECT, CHIP 47uF 20% 16V      |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 s | ELECT, CHIP 4.7uF 20% 50V     |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C611                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.         | SP Description                |
|---------------------|------------------|-------------------------------|
| C637                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V       |
| C639                | 1-163-235-11 s   | CERAMIC, CHIP 22pF 5% 50V     |
| C640                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 s   | CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C653                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C654                | 1-163-245-11 s   | CERAMIC, CHIP 56pF 5% 50V     |
| C655                | 1-163-245-11 s   | CERAMIC, CHIP 56pF 5% 50V     |
| C656                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C657                | 1-163-237-11 s   | CERAMIC, CHIP 27pF 5% 50V     |
| C658                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C663                | 1-163-133-00 s   | CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D2                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D3                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39 s   | DIODE KV1470                  |
| D102                | 8-719-041-39 s   | DIODE KV1470                  |
| D103                | 8-719-041-39 s   | DIODE KV1470                  |
| D104                | 8-719-941-23 s   | DIODE DA204U                  |
| D105                | 8-719-941-23 s   | DIODE DA204U                  |
| D106                | 8-719-989-08 s   | DIODE RB717F                  |
| D301                | 8-719-976-99 s   | DIODE DTZ5.1B                 |
| D302                | 8-719-941-23 s   | DIODE DA204U                  |
| D501                | 8-719-941-23 s   | DIODE DA204U                  |
| D502                | 8-719-109-87 s   | DIODE RD5.6ESB                |
| D601                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| E101                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E102                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E103                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E301                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E501                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E601                | 1-535-877-22 o   | CHECKER, CHIP                 |
| F1                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F2                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F3                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F4                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F5                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| F6                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A   |
| FL101               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL102               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS    |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS    |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC3                 | 8-759-172-40   | s IC L78M09T-FA       |
| IC4                 | 8-759-172-40   | s IC L78M09T-FA       |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC8                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC101               | 8-759-198-63   | s IC S-81230SG-QB-T1  |
| IC102               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC103               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC105               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC106               | 8-759-082-61   | s IC TC4W53FU         |
| IC107               | 8-759-076-06   | s IC TL064CPW         |
| IC108               | 8-759-076-06   | s IC TL064CPW         |
| IC109               | 8-752-052-77   | s IC CXA1450M         |
| IC110               | 8-752-363-60   | s IC CXD2307R-T6      |
| IC111               | 8-759-076-06   | s IC TL064CPW         |
|                     | 8-759-287-54   | s IC TL084CPW-E20     |
| IC112               | 8-759-076-06   | s IC TL064CPW         |
|                     | 8-759-287-54   | s IC TL084CPW-E20     |
| IC113               | 8-759-076-06   | s IC TL064CPW         |
|                     | 8-759-287-54   | s IC TL084CPW-E20     |
| IC114               | 8-759-066-59   | s IC TC74HC4053AFS    |
| IC115               | 8-752-054-80   | s IC CXA1521M         |
| IC116               | 8-752-054-80   | s IC CXA1521M         |
| IC117               | 8-759-906-59   | s IC CX22017          |
| IC118               | 8-759-907-81   | s IC SN74LS221NS      |
| IC301               | 8-759-082-59   | s IC TC7W32FU         |
| IC302               | 8-759-082-61   | s IC TC4W53FU         |
| IC303               | 8-759-262-03   | s IC MC14577CF        |
| IC304               | 8-759-076-06   | s IC TL064CPW         |
|                     | 8-759-287-54   | s IC TL084CPW-E20     |
| IC305               | 8-759-082-61   | s IC TC4W53FU         |
| IC306               | 8-752-052-73   | s IC CXA1451M         |
| IC307               | 8-752-052-73   | s IC CXA1451M         |
| IC308               | 8-759-262-00   | s IC MC14576CF        |
| IC309               | 8-752-052-73   | s IC CXA1451M         |
| IC310               | 8-752-052-73   | s IC CXA1451M         |
| IC311               | 8-752-052-73   | s IC CXA1451M         |
| IC312               | 8-759-082-61   | s IC TC4W53FU         |
| IC501               | 8-759-082-57   | s IC TC7W04FU         |
| IC502               | 8-752-052-77   | s IC CXA1450M         |
| IC503               | 8-752-052-77   | s IC CXA1450M         |
| IC504               | 8-759-173-16   | s IC TL062CPW         |

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|---------------------|--------------|-------------------------------------|
| IC505               | 8-759-076-06 | s IC TL064CPW                       |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL)              |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL                   |
| IC508               | 8-759-076-06 | s IC TL064CPW                       |
| IC509               | 8-752-052-77 | s IC CXA1450M                       |
| IC510               | 8-752-052-73 | s IC CXA1451M                       |
| IC512               | 8-759-987-27 | s IC LM1881MX                       |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL)              |
| IC514               | 8-759-980-04 | s IC LM311PS                        |
| IC515               | 8-759-702-08 | s IC NJM360M                        |
| IC601               | 8-759-082-57 | s IC TC7W04FU                       |
| IC602               | 8-759-250-81 | s IC TC5081AP                       |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)               |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L                 |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU                 |
| IC606               | 8-752-335-47 | s IC CXD1216M                       |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS                  |
| IC608               | 8-759-241-03 | s IC TC74HC191AF                    |
| IC609               | 8-759-082-57 | s IC TC7W04FU                       |
| IC610               | 8-759-271-86 | s IC TC7SH04FU                      |
| IC611               | 8-759-271-86 | s IC TC7SH04FU                      |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL)              |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)               |
| IC614               | 8-759-519-49 | s IC CXD8165Q                       |
| IC615               | 8-752-339-46 | s IC CXD1177Q                       |
| IC616               | 8-759-082-57 | s IC TC7W04FU                       |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS                  |
| IC618               | 8-759-271-86 | s IC TC7SH04FU                      |
| IC619               | 8-759-271-86 | s IC TC7SH04FU                      |
| *1)                 | L101         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L102         | 1-414-400-11 s INDUCTOR, CHIP 22uH  |
| *2)                 | L103         | 1-414-400-11 s INDUCTOR, CHIP 22uH  |
|                     | L104         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
| *1)                 | L105         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
| *2)                 | L106         | 1-414-400-11 s INDUCTOR, CHIP 22uH  |
|                     | L107         | 1-414-400-11 s INDUCTOR, CHIP 22uH  |
|                     | L108         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L109         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L110         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L111         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L112         | 1-414-404-11 s INDUCTOR, CHIP 100uH |
|                     | L113         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L114         | 1-414-404-11 s INDUCTOR, CHIP 100uH |
|                     | L115         | 1-410-385-11 s INDUCTOR, CHIP 22uH  |
| *1)                 | L117         | 1-410-393-11 s INDUCTOR, CHIP 100uH |
| *2)                 | L301         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L302         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L303         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L304         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L305         | 1-410-391-11 s INDUCTOR, CHIP 68uH  |
|                     | L306         | 1-410-391-11 s INDUCTOR, CHIP 68uH  |
|                     | L307         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L308         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L309         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L310         | 1-410-387-11 s INDUCTOR, CHIP 33uH  |
|                     | L311         | 1-410-387-11 s INDUCTOR, CHIP 33uH  |
|                     | L312         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L313         | 1-414-402-11 s INDUCTOR, CHIP 47uH  |
|                     | L314         | 1-410-389-31 s INDUCTOR, CHIP 47uH  |

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|---------------------|----------------|-------------------------|
| L315                | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L501                | 1-410-390-11 s | INDUCTOR, CHIP 56uH     |
| L502                | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L503                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L504                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L505                | 1-410-391-11 s | INDUCTOR, CHIP 68uH     |
| L506                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L507                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L601                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L602                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L603                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L605                | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| L606                | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| L607                | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| L608                | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| Q101                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177      |

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|---------------------|----------------|-----------------------------|
| Q312                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q315                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q316                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q317                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q318                | 8-729-904-41 s | TRANSISTOR FMY3             |
| Q319                | 8-729-904-41 s | TRANSISTOR FMY3             |
| Q320                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q322                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q323                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35      |
| Q324                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q325                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q326                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q327                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q328                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q329                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q330                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q331                | 8-729-904-41 s | TRANSISTOR FMY3             |
| Q332                | 8-729-422-44 s | TRANSISTOR 2SK663           |
| Q333                | 8-729-422-44 s | TRANSISTOR 2SK663           |
| Q334                | 8-729-422-44 s | TRANSISTOR 2SK663           |
| Q335                | 8-729-422-44 s | TRANSISTOR 2SK663           |
| Q336                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q337                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q338                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q339                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 s | TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34      |
| Q602                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34      |
| Q603                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34      |
| Q604                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34      |
| Q605                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 s | METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R142                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R143                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R164                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R218                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R219                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R222                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R224                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 s | RES, CHIP 0                 |
| R259                | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R274                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R280                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 s | RES, CHIP 0                 |
| R314                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R319                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R353                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R355                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R356                | 1-216-083-00 s | METAL, CHIP 27k 5% 1/10W    |
| R357                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R358                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R360                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R361                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R363                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R422                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R428                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R435                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R436                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R447                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R448                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R449                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R450                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R504                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R506                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R507                | 1-216-295-91 | s RES, CHIP 0                 |
| R508                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R512                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R513                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-218-772-11 s | METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R583                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R601                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R602                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R604                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R606                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R608                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 s | RES, CHIP 0                 |
| R610                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R613                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R614                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R618                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R619                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R620                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R621                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R622                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R623                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R624                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R625                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R626                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R627                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R628                | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R629                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R630                | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R631                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R632                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R633                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R634                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R635                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R637                | 1-216-115-00 s | METAL, CHIP 560k 5% 1/10W   |
| R638                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W  |
| R639                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R640                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R641                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W  |
| R642                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R643                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R644                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R645                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R646                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R647                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R650                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R651                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R652                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R653                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R654                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R655                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R656                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R657                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |

(IO-149 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R660                | 1-216-295-91 | s RES, CHIP 0                   |
| R661                | 1-216-295-91 | s RES, CHIP 0                   |
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RV101               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV102               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV103               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV104               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV105               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV106               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV107               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV108               | 1-237-038-11 | s RES, ADJ METAL 50k            |
| RV109               | 1-237-038-11 | s RES, ADJ METAL 50k            |
| RV110               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV111               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV112               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV301               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV302               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV303               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV304               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV305               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV306               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV307               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV308               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV309               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV310               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV311               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV312               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV313               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV314               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV315               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV316               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV317               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV318               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV319               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV501               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV502               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV503               | 1-237-037-11 | s RES, ADJ METAL 20k            |
| RV504               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV505               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV506               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV601               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| S601                | 1-571-275-31 | s SWITCH, SLIDE                 |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k         |
| TP101               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP102               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP103               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP301               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP302               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP303               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP304               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP305               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP306               | 1-535-877-22 | o CHECKER, CHIP                 |

(IO-149 BOARD(For NTSC); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| TP307               | 1-535-877-22 | o CHECKER, CHIP       |
| TP501               | 1-535-877-22 | o CHECKER, CHIP       |
| TP502               | 1-535-877-22 | o CHECKER, CHIP       |
| TP601               | 1-535-877-22 | o CHECKER, CHIP       |
| TP602               | 1-535-877-22 | o CHECKER, CHIP       |
| TP603               | 1-535-877-22 | o CHECKER, CHIP       |
| TP604               | 1-535-877-22 | o CHECKER, CHIP       |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz    |
| X601                | 1-760-626-11 | s CRYSTAL 27.00MHz    |
| X602                | 1-527-722-00 | s CRYSTAL 14.31818MHz |

## IO-149 BOARD(For PAL); Suffix -14

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -14.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-962-A | s MOUNTED CIRCUIT BOARD, IO-149C   |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
|      |              |                                    |
| C1   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
|      |              |                                    |
| C6   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
|      |              |                                    |
| C15  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
|      |              |                                    |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
|      |              |                                    |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
|      |              |                                    |
| C38  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
|      |              |                                    |
| C103 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
|      |              |                                    |
| C108 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
|      |              |                                    |
| C113 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C116 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C117 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
|      |              |                                    |
| C118 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |
| C119 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |
| C120 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C121 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C122 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
|      |              |                                    |
| C123 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C124 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |

## IO-149 BOARD(For PAL); Suffix -14)

Ref. No.  
or Q'ty Part No. SP Description

|      |              |                                 |
|------|--------------|---------------------------------|
| C125 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C126 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C127 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C128 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C129 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C130 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C131 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C132 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C133 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C134 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
|      |              |                                 |
| C135 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C136 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C137 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C138 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C139 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C140 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C141 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C142 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C143 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C144 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C145 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C146 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C147 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C148 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C149 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C150 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C151 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C152 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C153 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C154 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
|      |              |                                 |
| C155 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C156 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C158 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C159 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
|      |              |                                 |
| C160 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C161 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C162 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C163 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C164 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
|      |              |                                 |
| C165 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C166 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C167 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C168 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C169 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C170 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C171 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C172 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C173 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C174 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
|      |              |                                 |
| C175 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C176 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C177 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C178 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C179 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
|      |              |                                 |
| C180 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C181 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C182 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C183 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

(IO-149 BOARD(For PAL); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C184                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C185                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C186                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C187                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C190                | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V     |
| C191                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C192                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C193                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C194                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C195                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C196                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C197                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C198                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C199                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C200                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C201                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C203                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C204                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C205                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C206                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C207                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C208                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C209                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C210                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C211                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C212                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C213                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C214                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C215                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C216                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C217                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C218                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C219                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C220                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C221                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C222                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C223                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C224                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C225                | 1-163-087-00 s | CERAMIC, CHIP 4pF 50V         |
| C226                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C227                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C228                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C229                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C230                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C310                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C312                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C320                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C324                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C335                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C345                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C372                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C501                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C502                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 | s CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C517                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C518                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C528                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C530                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C531                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C543                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C544                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C547                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C552                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C553                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C554                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C601                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 | s ELECT, CHIP 4.7uF 20% 50V     |
| C607                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C608                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C611                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C612                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C614                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C617                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C619                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C637                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C639                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     |
| C640                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |

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|---------------------|----------------|---------------------------------|
| C651                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-239-11   | s CERAMIC, CHIP 33pF 5% 50V     |
| C653                | 1-163-239-11   | s CERAMIC, CHIP 33pF 5% 50V     |
| C654                | 1-163-113-00   | s CERAMIC, CHIP 68pF 5% 50V     |
| C655                | 1-163-113-00   | s CERAMIC, CHIP 68pF 5% 50V     |
| C656                | 1-163-239-11   | s CERAMIC, CHIP 33pF 5% 50V     |
| C657                | 1-163-239-11   | s CERAMIC, CHIP 33pF 5% 50V     |
| C658                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C662                | 1-102-110-00   | s CERAMIC, CHIP 220pF 10% 50V   |
| C663                | 1-163-133-00   | s CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D2                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D3                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39   | s DIODE KV1470                  |
| D102                | 8-719-041-39   | s DIODE KV1470                  |
| D103                | 8-719-041-39   | s DIODE KV1470                  |
| D104                | 8-719-941-23   | s DIODE DA204U                  |
| D105                | 8-719-941-23   | s DIODE DA204U                  |
| D106                | 8-719-989-08   | s DIODE RB717F                  |
| D301                | 8-719-976-99   | s DIODE DTZ5.1B                 |
| D302                | 8-719-941-23   | s DIODE DA204U                  |
| D501                | 8-719-941-23   | s DIODE DA204U                  |
| D601                | 8-719-002-81   | s DIODE 1T363                   |
| D602                | 8-719-002-81   | s DIODE 1T363                   |
| F1                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F2                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F3                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F4                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F5                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F6                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| FL101               | 1-233-599-11   | s FILTER, LOW PASS              |
| FL102               | 1-233-599-11   | s FILTER, LOW PASS              |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS              |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS              |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP           |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC3                 | 8-759-172-41   | s IC L78M09T-TL                 |
| IC4                 | 8-759-172-41   | s IC L78M09T-TL                 |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA                 |
| IC8                 | 8-759-157-17   | s IC PQ05SZ1U                   |
| IC101               | 8-759-198-63   | s IC S-81230SG-QB-T1            |
| IC102               | 8-759-278-58   | s IC NJM4558V-TE2               |
| IC103               | 8-759-278-58   | s IC NJM4558V-TE2               |
| IC105               | 8-759-278-58   | s IC NJM4558V-TE2               |

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|---------------------|--------------|------------------------|
| IC107               | 8-759-076-06 | s IC TL064CPW          |
| IC108               | 8-759-076-06 | s IC TL064CPW          |
| IC109               | 8-752-052-77 | s IC CXA1450M          |
| IC110               | 8-752-363-60 | s IC CXD2307R-T4       |
| IC111               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC112               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC113               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC114               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 | s IC CXA1521M          |
| IC116               | 8-752-054-80 | s IC CXA1521M          |
| IC117               | 8-759-906-59 | s IC CX22017           |
| IC118               | 8-759-907-81 | s IC SN74LS221NS       |
| IC301               | 8-759-082-59 | s IC TC7W32FU          |
| IC302               | 8-759-082-61 | s IC TC4W53FU          |
| IC304               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC305               | 8-759-082-61 | s IC TC4W53FU          |
| IC306               | 8-752-052-73 | s IC CXA1451M          |
| IC307               | 8-752-052-73 | s IC CXA1451M          |
| IC308               | 8-759-262-00 | s IC MC14576CF         |
| IC309               | 8-752-052-73 | s IC CXA1451M          |
| IC310               | 8-752-052-73 | s IC CXA1451M          |
| IC311               | 8-752-052-73 | s IC CXA1451M          |
| IC312               | 8-759-082-61 | s IC TC4W53FU          |
| IC501               | 8-759-082-57 | s IC TC7W04FU          |
| IC502               | 8-752-052-77 | s IC CXA1450M          |
| IC503               | 8-752-052-77 | s IC CXA1450M          |
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881M           |
| IC513               | 8-759-523-97 | s IC TC74VHC123AFT(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-459-26 | s IC TC5081BP          |
| IC603               | 8-759-524-04 | s IC TC74VHC125FT(EL)  |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-523-97 | s IC TC74VHC123AFT(EL) |
| IC613               | 8-759-524-22 | s IC TC74VHC175FT(EL)  |
| IC614               | 8-759-526-00 | s IC CXD8165AQ         |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| L102                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L103                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L104                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L105                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L106                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L107                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L108                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L109                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L110                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L111                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L112                | 1-414-404-11 s | INDUCTOR, CHIP 100uH    |
| L113                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L114                | 1-414-404-11 s | INDUCTOR, CHIP 100uH    |
| L115                | 1-410-385-11 s | INDUCTOR, CHIP 22uH     |
| L116                | 1-410-385-11 s | INDUCTOR, CHIP 22uH     |
| L117                | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L301                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L302                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L303                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L304                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L305                | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L306                | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L307                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L308                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L309                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L310                | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L311                | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L312                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L313                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L314                | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| L315                | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L501                | 1-410-392-11 s | INDUCTOR, CHIP 82uH     |
| L502                | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L503                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L504                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L505                | 1-410-391-11 s | INDUCTOR, CHIP 68uH     |
| L506                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L507                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L601                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L602                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L603                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L605                | 1-410-386-11 s | INDUCTOR, CHIP 27uH     |
| L606                | 1-410-386-11 s | INDUCTOR, CHIP 27uH     |
| L607                | 1-410-386-11 s | INDUCTOR, CHIP 27uH     |
| L608                | 1-410-386-11 s | INDUCTOR, CHIP 27uH     |
| Q101                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 s | TRANSISTOR FMS2         |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q113                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q322                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q323                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q324                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q325                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q326                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q327                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q328                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q329                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q330                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q331                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q332                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q333                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q334                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q335                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q336                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q337                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q338                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q339                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q340                | 8-729-117-32 s | TRANSISTOR 2SC4177      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-208-803-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-208-783-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R144                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R195                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R200                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R205                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
|                     |              |                               |
| R210                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
|                     |              |                               |
| R215                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
|                     |              |                               |
| R222                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R224                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
|                     |              |                               |
| R227                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
|                     |              |                               |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     |              |                               |
| R242                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-208-780-11 | s METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R247                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R251                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R252                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R256                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 | s RES, CHIP 0                 |
| R259                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R260                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
|                     |              |                               |
| R261                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-208-813-11 | s METAL, CHIP 20k 0.5% 1/10W  |
| R263                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R266                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-208-778-11 | s METAL, CHIP 680 0.5% 1/10W  |
|                     |              |                               |
| R271                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R273                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R274                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
|                     |              |                               |
| R276                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R280                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
|                     |              |                               |
| R281                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R282                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W   |
| R283                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R284                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R285                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
|                     |              |                               |
| R286                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R301                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R302                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
|                     |              |                               |
| R310                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-208-758-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 | s RES, CHIP 0                 |
| R314                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
|                     |              |                               |
| R315                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R317                | 1-208-778-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R319                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
|                     |              |                               |
| R320                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R322                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
|                     |              |                               |
| R325                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-208-778-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W  |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R338                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-208-765-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R366                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R395                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10  |
| R404                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10  |
| R411                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R422                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R428                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-208-787-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R435                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-208-777-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R447                | 1-208-787-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R449                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R450                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R454                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R504                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R507                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R508                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R510                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R548                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

(IO-149 BOARD(For PAL); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R557                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10  |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-208-850-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R603                | 1-216-295-91 | s RES, CHIP 0                 |
| R605                | 1-216-295-91 | s RES, CHIP 0                 |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 | s RES, CHIP 0                 |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R615                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R619                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R621                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R623                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |

(IO-149 BOARD(For PAL); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W    |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W     |
| R628                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W    |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W     |
| R630                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W    |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W       |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     |
| R635                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R637                | 1-208-850-11 | s METAL, CHIP 680k 0.5% 1/10W   |
| R638                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W   |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W       |
| R640                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W   |
| R641                | 1-208-781-11 | s METAL, CHIP 910 0.5% 1/10W    |
| R642                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W   |
| R643                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W    |
| R644                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W    |
| R645                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W    |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RV101               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV102               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV103               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV105               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV106               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV107               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV108               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV109               | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV110               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV111               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV112               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV301               | 1-237-033-11 | s RES, ADJ, METAL 1k            |
| RV302               | 1-237-034-11 | s RES, ADJ, METAL 2k            |
| RV303               | 1-237-032-11 | s RES, ADJ, METAL 500           |
| RV304               | 1-237-033-11 | s RES, ADJ, METAL 1k            |
| RV305               | 1-237-035-11 | s RES, ADJ, METAL 5k            |
| RV306               | 1-237-033-11 | s RES, ADJ, METAL 1k            |
| RV307               | 1-237-033-11 | s RES, ADJ, METAL 1k            |
| RV308               | 1-237-032-11 | s RES, ADJ, METAL 500           |
| RV309               | 1-237-034-11 | s RES, ADJ, METAL 2k            |

(IO-149 BOARD(For PAL); Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| RV310               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV311               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV312               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV313               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV314               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV315               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV316               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV317               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV318               | 1-237-030-11 | s RES, ADJ, METAL 100   |
| RV319               | 1-237-030-11 | s RES, ADJ, METAL 100   |
| RV501               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV502               | 1-237-036-11 | s RES, ADJ, METAL 10k   |
| RV503               | 1-237-037-11 | s RES, ADJ, METAL 20k   |
| RV504               | 1-237-036-11 | s RES, ADJ, METAL 10k   |
| RV505               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV506               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV601               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz      |
| X602                | 1-760-457-11 | s CRYSTAL 17.7345MHz    |

IO-149 BOARD(For PAL); Suffix -12, 13

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -12 and -13.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10650 (For DSR-60P CE)
- \*2) Serial number; 10651 and higher (For DSR-60P CE)
- \*3) Serial number; 10001 through 10800 (For DSR-60P CE)
- \*4) Serial number; 10801 and higher (For DSR-60P CE)
- \*5) Serial number; 10651 through 11100 (For DSR-60P CE)
- \*6) Serial number; 11101 and higher (For DSR-60P CE)

1pc A-8312-962-A o MOUNTED CIRCUIT BOARD, IO-149C  
1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD

C1 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C2 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C3 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C4 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C5 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C6 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C11 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C13 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C14 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C21 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C23 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C25 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C31 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C33 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C35 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C37 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C39 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C102 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C103 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C106 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C108 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C109 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C110 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C111 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C112 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C113 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C114 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C115 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C116 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

IO-149 BOARD(For PAL); Suffix -12, 13)

Ref. No.  
or Q'ty Part No. SP Description

C117 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C118 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C119 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C120 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C121 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C122 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C123 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C124 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C125 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C126 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C127 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C128 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C129 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C130 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C131 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C132 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C133 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C134 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C135 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C136 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C137 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C138 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C139 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C140 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C141 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C142 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C143 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C144 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C145 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C146 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C147 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C148 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C149 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C150 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C151 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C152 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C153 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C154 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
C155 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C157 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C158 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C159 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C160 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C161 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C162 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C163 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C164 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C165 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C166 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C167 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C168 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C169 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C170 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C171 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C172 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C173 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C174 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C175 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |     |
|---------------------|--------------|---------------------------------|-----|
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |     |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |     |
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |     |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C190                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     | *1) |
|                     | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     | *5) |
|                     | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     | *6) |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |     |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |     |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |     |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |     |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |     |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |     |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C213                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     | *3) |
|                     | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     | *4) |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |     |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |     |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C220                | 1-163-181-00 | s CERAMIC, CHIP 100pF 5% 50V    | *3) |
|                     | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    | *4) |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |     |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |     |
| C223                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |     |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C225                | 1-163-087-00 | s CERAMIC, CHIP 4pF 50V         |     |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |     |
| C227                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |     |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |     |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C345                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C346                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V     |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V *1) |
|                     | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V *5) |
|                     | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V *6) |
| C501                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C517                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |

| Ref. No.<br>or Q'ty | Part No.       | SP Description                 |
|---------------------|----------------|--------------------------------|
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V     |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V      |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V  |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V     |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V      |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V      |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C546                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V      |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V      |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V     |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C554                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V *4) |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V   |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V        |
| C606                | 1-126-404-11 s | ELECT 4.7uF 20% 50V            |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V     |
| C611                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V    |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V      |
| C613                | 1-163-106-00 s | CERAMIC, CHIP 36pF 5% 50V *3)  |
|                     | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V *4)  |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V      |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V      |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V     |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V     |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V  |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V  |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V      |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V      |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C629                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C637                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C639                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V *3) |
|                     | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V *4) |
| C640                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C653                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C654                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C655                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| C656                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C657                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C658                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C663                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11 | s CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11 | s CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04 | s DIODE SB007-03CP              |
| D2                  | 8-719-941-04 | s DIODE SB007-03CP              |
| D3                  | 8-719-053-18 | s DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18 | s DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18 | s DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39 | s DIODE KV1470                  |
| D102                | 8-719-041-39 | s DIODE KV1470                  |
| D103                | 8-719-041-39 | s DIODE KV1470                  |
| D104                | 8-719-941-23 | s DIODE DA204U                  |
| D105                | 8-719-941-23 | s DIODE DA204U                  |
| D106                | 8-719-989-08 | s DIODE RB717F                  |
| D301                | 8-719-976-99 | s DIODE DTZ5.1B                 |
| D302                | 8-719-941-23 | s DIODE DA204U                  |
| D501                | 8-719-941-23 | s DIODE DA204U                  |
| D601                | 8-719-002-81 | s DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81 | s DIODE 1T363A-M20-T8A          |
| E101                | 1-535-877-22 | o CHECKER, CHIP                 |
| E102                | 1-535-877-22 | o CHECKER, CHIP                 |
| E103                | 1-535-877-22 | o CHECKER, CHIP                 |
| E301                | 1-535-877-22 | o CHECKER, CHIP                 |
| E501                | 1-535-877-22 | o CHECKER, CHIP                 |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description         |
|---------------------|----------------|------------------------|
| E601                | 1-535-877-22   | o CHECKER, CHIP        |
| F1                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |
| F2                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |
| F3                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |
| F4                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |
| F5                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |
| F6                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |
| FL101               | 1-233-599-11   | s FILTER, LOW-PASS     |
| FL102               | 1-233-599-11   | s FILTER, LOW-PASS     |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS     |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS     |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP  |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP  |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP  |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U          |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U          |
| IC3                 | 8-759-172-41   | s IC L78M09T-TL        |
| IC4                 | 8-759-172-41   | s IC L78M09T-TL        |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA        |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA        |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA        |
| IC8                 | 8-759-157-17   | s IC PQ05SZ1U          |
| IC101               | 8-759-198-63   | s IC S-81230SG-QB-T1   |
| IC102               | 8-759-278-58   | s IC NJM4558V-TE2      |
| IC103               | 8-759-278-58   | s IC NJM4558V-TE2      |
| IC105               | 8-759-278-58   | s IC NJM4558V-TE2      |
| IC107               | 8-759-076-06   | s IC TL064CPW          |
| IC108               | 8-759-076-06   | s IC TL064CPW          |
| IC109               | 8-752-052-77   | s IC CXA1450M          |
| IC110               | 8-752-363-60   | s IC CXD2307R-T6       |
| IC111               | 8-759-287-54   | s IC TL084CPW-E20      |
| IC112               | 8-759-287-54   | s IC TL084CPW-E20      |
| IC113               | 8-759-287-54   | s IC TL084CPW-E20      |
| IC114               | 8-759-066-59   | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80   | s IC CXA1521M          |
| IC116               | 8-752-054-80   | s IC CXA1521M          |
| IC117               | 8-759-906-59   | s IC CX22017           |
| IC118               | 8-759-907-81   | s IC SN74LS221NS       |
| IC301               | 8-759-082-59   | s IC TC7W32FU          |
| IC302               | 8-759-082-61   | s IC TC4W53FU          |
| IC304               | 8-759-287-54   | s IC TL084CPW-E20      |
| IC305               | 8-759-082-61   | s IC TC4W53FU          |
| IC306               | 8-752-052-73   | s IC CXA1451M          |
| IC307               | 8-752-052-73   | s IC CXA1451M          |
| IC308               | 8-759-262-00   | s IC MC14576CF         |
| IC309               | 8-752-052-73   | s IC CXA1451M          |
| IC310               | 8-752-052-73   | s IC CXA1451M          |
| IC311               | 8-752-052-73   | s IC CXA1451M          |
| IC312               | 8-759-082-61   | s IC TC4W53FU          |
| IC501               | 8-759-082-57   | s IC TC7W04FU          |
| IC502               | 8-752-052-77   | s IC CXA1450M          |
| IC503               | 8-752-052-77   | s IC CXA1450M          |
| IC504               | 8-759-173-16   | s IC TL062CPW          |
| IC505               | 8-759-076-06   | s IC TL064CPW          |
| IC506               | 8-759-430-88   | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03   | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06   | s IC TL064CPW          |

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|---------------------|--------------|------------------------|
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881M           |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-250-81 | s IC TC5081AP          |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)  |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 | s IC CXD8165Q          |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L116                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L305                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L306                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |

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|---------------------|--------------|---------------------------|
| L501                | 1-410-392-11 | s INDUCTOR, CHIP 82uH     |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L605                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L606                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L607                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L608                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q315                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q316                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q317                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q318                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q319                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q320                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q322                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q323                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35      |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q325                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q326                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q327                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q328                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q329                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q330                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q331                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q332                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q333                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q334                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q335                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q336                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q337                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q338                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q339                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R222                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R224                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R228                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R230                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W      |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R234                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W      |
| R235                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W      |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R238                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R240                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R241                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R242                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R243                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R244                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R245                | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W   |
| R246                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R247                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R248                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R249                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W   |
| R250                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W   |
| R251                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W   |
| R252                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R253                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R254                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W   |
| R255                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R256                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R257                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R258                | 1-216-295-91 | s RES, CHIP 0                  |
| R259                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R260                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R261                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R262                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W   |
| R263                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W    |
| R264                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W    |
| R265                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R266                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R267                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R268                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R269                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R270                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W   |
| R271                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R272                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W  |
| R273                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R274                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W  |
| R275                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R276                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R277                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R278                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R279                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R280                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W  |
| R281                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R282                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W    |
| R283                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W *4) |
| R284                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W *4) |
| R285                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W *4) |
| R286                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W *4) |
| R301                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W    |
| R302                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R303                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 | s RES, CHIP 0                 |
| R314                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R319                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R369                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R422                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R426                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R428                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-216-656-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R435                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R447                | 1-216-656-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R449                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R450                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R504                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R507                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R508                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R531                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-218-772-11 s | METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-208-797-11 s | METAL, CHIP 4.3k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R603                | 1-216-295-91 | s RES, CHIP 0                 |
| R605                | 1-216-295-91 | s RES, CHIP 0                 |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 | s RES, CHIP 0                 |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R615                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R619                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R621                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R623                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R628                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R630                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R635                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R637                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R638                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R640                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R641                | 1-216-650-91 | s METAL, CHIP 910 0.5% 1/10W  |
| R642                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R643                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R644                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R645                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |

(IO-149 BOARD(For PAL); Suffix -12, 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R660                | 1-216-295-91 | s RES, CHIP 0                   |
| R661                | 1-216-295-91 | s RES, CHIP 0                   |
| R662                | 1-216-295-91 | s RES, CHIP 0                   |
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RV101               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV102               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV103               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV105               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV106               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV107               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV108               | 1-237-038-11 | s RES, ADJ METAL 50k            |
|                     | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV109               | 1-237-038-11 | s RES, ADJ METAL 50k            |
|                     | 1-237-036-11 | s RES, ADJ, METAL 10k           |
| RV110               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV111               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV112               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV301               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV302               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV303               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV304               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV305               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV306               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV307               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV308               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV309               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV310               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV311               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV312               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV313               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV314               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV315               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV316               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV317               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV318               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV319               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV501               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV502               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV503               | 1-237-037-11 | s RES, ADJ METAL 20k            |
| RV504               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV505               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV506               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV601               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k         |
| TP101               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP102               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP103               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP301               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP302               | 1-535-877-22 | o CHECKER, CHIP                 |
| TP303               | 1-535-877-22 | o CHECKER, CHIP                 |

(IO-149 BOARD(For PAL); Suffix -12, 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| TP304               | 1-535-877-22 | o CHECKER, CHIP      |
| TP305               | 1-535-877-22 | o CHECKER, CHIP      |
| TP306               | 1-535-877-22 | o CHECKER, CHIP      |
| TP307               | 1-535-877-22 | o CHECKER, CHIP      |
| TP501               | 1-535-877-22 | o CHECKER, CHIP      |
| TP502               | 1-535-877-22 | o CHECKER, CHIP      |
| TP601               | 1-535-877-22 | o CHECKER, CHIP      |
| TP602               | 1-535-877-22 | o CHECKER, CHIP      |
| TP603               | 1-535-877-22 | o CHECKER, CHIP      |
| TP604               | 1-535-877-22 | o CHECKER, CHIP      |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz   |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz   |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz   |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz   |
| X602                | 1-760-457-11 | s CRYSTAL 17.7345MHz |

IO-149 BOARD(For PAL); Suffix -11

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -11.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10050 (For DSR-60P CE)
- \*2) Serial number; 10051 and higher (For DSR-60P CE)
- \*3) Serial number; 10001 through 10250 (For DSR-60P CE)
- \*4) Serial number; 10251 and higher (For DSR-60P CE)

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8312-962-A | o MOUNTED CIRCUIT BOARD, IO-149C   |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| C1   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C2   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C3   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C4   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C5   | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V       |
| C6   | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C11  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C16  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C21  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C31  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C32  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C34  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C35  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C37  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C38  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C39  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C40  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C101 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C102 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C103 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C104 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C105 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C106 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C107 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C108 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C109 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C110 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C111 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C112 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C113 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C114 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C115 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V      |
| C116 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C117 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C118 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V        |

(IO-149 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C119                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C120                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C121                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C122                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C123                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C124                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C125                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C126                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C127                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C128                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C129                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C130                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C131                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C132                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C133                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C134                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C135                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C136                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C137                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C138                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C139                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C140                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C141                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C142                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C143                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C144                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C145                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C146                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C147                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C148                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C149                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C150                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C151                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C152                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C153                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C154                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C155                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C156                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C157                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C158                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C159                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C160                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C161                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C162                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C163                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C164                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C165                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C166                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C167                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C168                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C169                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C170                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C171                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C172                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C173                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C174                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C175                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |

(IO-149 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C190                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V     |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C213                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C220                | 1-163-116-00 | s CERAMIC, CHIP 91pF 5% 50V     |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C223                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C225                | 1-163-087-00 | s CERAMIC, CHIP 4pF 50V         |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C227                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V     |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C311                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C319                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C322                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C334                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C344                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C345                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C346                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C347                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C348                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C349                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C350                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C352                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C353                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C356                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C357                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C358                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C359                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C360                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C361                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C362                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C363                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C364                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C365                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C366                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C367                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C369                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C370                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C373                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C374                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C375                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C376                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C377                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C378                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C379                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C380                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C381                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C382                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C383                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C384                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C388                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V *3) |
|                     | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V *4) |
| C501                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C502                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C503                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C504                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C505                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C506                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C507                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C508                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C509                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C510                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C511                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C512                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C513                | 1-164-222-11 | s CERAMIC, CHIP 0.22uF 25V      |
| C514                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C515                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C516                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C517                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C518                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C519                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C520                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C521                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C522                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C523                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C524                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C525                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V    |
| C526                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C527                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C528                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C529                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C546                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C553                | 1-124-589-11 s | ELECT 47uF 20% 16V            |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C606                | 1-126-404-11 s | ELECT 4.7uF 20% 50V           |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C611                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C613                | 1-163-106-00 s | CERAMIC, CHIP 36pF 5% 50V     |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V     |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C629                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C631                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C632                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C633                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C634                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C635                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C636                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C637                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C638                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.         | SP Description                |
|---------------------|------------------|-------------------------------|
| C639                | 1-163-102-00 s   | CERAMIC, CHIP 24pF 5% 50V     |
| C640                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C641                | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V       |
| C642                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C643                | 1-163-243-11 s   | CERAMIC, CHIP 47pF 5% 50V     |
| C644                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C645                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C646                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C647                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C648                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C649                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C650                | 1-126-393-11 s   | ELECT, CHIP 33uF 20% 10V      |
| C651                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C652                | 1-163-239-11 s   | CERAMIC, CHIP 33pF 5% 50V     |
| C653                | 1-163-239-11 s   | CERAMIC, CHIP 33pF 5% 50V     |
| C654                | 1-163-113-00 s   | CERAMIC, CHIP 68pF 5% 50V     |
| C655                | 1-163-113-00 s   | CERAMIC, CHIP 68pF 5% 50V     |
| C656                | 1-163-239-11 s   | CERAMIC, CHIP 33pF 5% 50V     |
| C657                | 1-163-239-11 s   | CERAMIC, CHIP 33pF 5% 50V     |
| C658                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C659                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C660                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C661                | 1-163-037-11 s   | CERAMIC, CHIP 0.022uF 10% 25V |
| C663                | 1-163-133-00 s   | CERAMIC, CHIP 470pF 5% 50V    |
| CT601               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11 s   | CAP, TRIMMER, CHIP 40pF       |
| D1                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D2                  | 8-719-941-04 s   | DIODE SB007-03CP              |
| D3                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39 s   | DIODE KV1470                  |
| D102                | 8-719-041-39 s   | DIODE KV1470                  |
| D103                | 8-719-041-39 s   | DIODE KV1470                  |
| D104                | 8-719-941-23 s   | DIODE DA204U                  |
| D105                | 8-719-941-23 s   | DIODE DA204U                  |
| D106                | 8-719-989-08 s   | DIODE RB717F                  |
| D301                | 8-719-976-99 s   | DIODE DTZ5.1B                 |
| D302                | 8-719-941-23 s   | DIODE DA204U                  |
| D501                | 8-719-941-23 s   | DIODE DA204U                  |
| D502                | 8-719-109-87 s   | DIODE RD5.6ESB                |
| D601                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A          |
| E101                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E102                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E103                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E301                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E501                | 1-535-877-22 o   | CHECKER, CHIP                 |
| E601                | 1-535-877-22 o   | CHECKER, CHIP                 |
| F1                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F2                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F3                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F4                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| F5                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A             |
| F6                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A             |
| FL101               | 1-233-599-11 s   | FILTER, LOW-PASS              |

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|---------------------|--------------|------------------------|
| FL102               | 1-233-599-11 | s FILTER, LOW-PASS     |
| FL103               | 1-233-614-11 | s FILTER, LOW-PASS     |
| FL104               | 1-239-771-11 | s FILTER, LOW-PASS     |
| FL1001              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1002              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| FL1003              | 1-239-719-11 | s FILTER, NOISE, CHIP  |
| IC1                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC2                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC3                 | 8-759-172-40 | s IC L78M09T-FA        |
| IC4                 | 8-759-172-40 | s IC L78M09T-FA        |
| IC5                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC6                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC7                 | 8-759-822-95 | s IC L79M05T-FA        |
| IC8                 | 8-759-157-17 | s IC PQ05SZ1U          |
| IC101               | 8-759-198-63 | s IC S-81230SG-QB-T1   |
| IC102               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC103               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 | s IC NJM4558V-TE2      |
| IC107               | 8-759-076-06 | s IC TL064CPW          |
| IC108               | 8-759-076-06 | s IC TL064CPW          |
| IC109               | 8-752-052-77 | s IC CXA1450M          |
| IC110               | 8-752-363-60 | s IC CXD2307R-T6       |
| IC111               | 8-759-076-06 | s IC TL064CPW *1)      |
|                     | 8-759-287-54 | s IC TL084CPW-E20 *2)  |
| IC112               | 8-759-076-06 | s IC TL064CPW *1)      |
|                     | 8-759-287-54 | s IC TL084CPW-E20 *2)  |
| IC113               | 8-759-076-06 | s IC TL064CPW *1)      |
|                     | 8-759-287-54 | s IC TL084CPW-E20 *2)  |
| IC114               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 | s IC CXA1521M          |
| IC116               | 8-752-054-80 | s IC CXA1521M          |
| IC117               | 8-759-906-59 | s IC CX22017           |
| IC118               | 8-759-907-81 | s IC SN74LS221NS       |
| IC301               | 8-759-082-59 | s IC TC7W32FU          |
| IC302               | 8-759-082-61 | s IC TC4W53FU          |
| IC303               | 8-759-262-03 | s IC MC14577CF         |
| IC304               | 8-759-076-06 | s IC TL064CPW *1)      |
|                     | 8-759-287-54 | s IC TL084CPW-E20 *2)  |
| IC305               | 8-759-082-61 | s IC TC4W53FU          |
| IC306               | 8-752-052-73 | s IC CXA1451M          |
| IC307               | 8-752-052-73 | s IC CXA1451M          |
| IC308               | 8-759-262-00 | s IC MC14576CF         |
| IC309               | 8-752-052-73 | s IC CXA1451M          |
| IC310               | 8-752-052-73 | s IC CXA1451M          |
| IC311               | 8-752-052-73 | s IC CXA1451M          |
| IC312               | 8-759-082-61 | s IC TC4W53FU          |
| IC501               | 8-759-082-57 | s IC TC7W04FU          |
| IC502               | 8-752-052-77 | s IC CXA1450M          |
| IC503               | 8-752-052-77 | s IC CXA1450M          |
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-752-052-73 | s IC CXA1451M          |
| IC512               | 8-759-987-27 | s IC LM1881M           |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-250-81 | s IC TC5081AP          |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)  |
| IC604               | 8-759-058-57 | s IC TC7S04FU-TE85L    |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 | s IC CXD8165Q          |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L116                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L305                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L306                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L501                | 1-410-392-11 | s INDUCTOR, CHIP 82uH     |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |
| L605                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L606                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L607                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| L608                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q315                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q316                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q317                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q318                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q319                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q320                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q322                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q323                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35      |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q325                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q326                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q327                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q328                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q329                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q330                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q331                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q332                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q333                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q334                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q335                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q336                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q337                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q338                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q339                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q340                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q341                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q342                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q343                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q344                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q345                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q346                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q347                | 8-729-907-26 | s TRANSISTOR IMX1             |
| Q348                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q349                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q350                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q504                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q505                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q506                | 8-729-904-41 | s TRANSISTOR FMY3             |
| Q507                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q601                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q602                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q603                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q604                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q605                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q606                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q607                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q608                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R162                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R163                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R164                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R165                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R166                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R167                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R168                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R172                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R173                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R174                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R176                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R179                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R180                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R181                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R182                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R183                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R184                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R192                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R193                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R194                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R195                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R196                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R197                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R198                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R199                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R200                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R205                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R209                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R210                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R211                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R212                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R213                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R214                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R215                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R216                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R217                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R218                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R219                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R222                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R224                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R226                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R258                | 1-216-295-91 s | RES, CHIP 0                 |
| R259                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R262                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W  |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R273                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R274                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R280                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R312                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R313                | 1-216-295-91 s | RES, CHIP 0                 |
| R314                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R315                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R316                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R319                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R353                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R355                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R356                | 1-216-083-00 s | METAL, CHIP 27k 5% 1/10W    |
| R357                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R358                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R360                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R361                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R367                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R414                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R415                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R416                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R417                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R418                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R419                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R420                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R421                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R422                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R423                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R424                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R425                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R426                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R427                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R428                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R429                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R430                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R431                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R432                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R433                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R434                | 1-216-656-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R435                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R438                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R439                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R440                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R441                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R442                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R443                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R444                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R447                | 1-216-656-11 s | METAL, CHIP 1.6k 0.5% 1/10W |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R449                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R450                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R504                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R507                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R508                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R513                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
|                     | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |

\*3)

\*4)

(IO-149 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R527                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

(IO-149 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R603                | 1-216-295-91 | s RES, CHIP 0                 |
| R605                | 1-216-295-91 | s RES, CHIP 0                 |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R607                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R609                | 1-216-295-91 | s RES, CHIP 0                 |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R615                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R619                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R621                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R623                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R628                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R630                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R635                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R637                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R638                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R640                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R641                | 1-216-650-91 | s METAL, CHIP 910 0.5% 1/10W  |
| R642                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R643                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R644                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R645                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R660                | 1-216-295-91 | s RES, CHIP 0                 |
| R661                | 1-216-295-91 | s RES, CHIP 0                 |

(IO-149 BOARD(For PAL); Suffix -11)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| RB101               | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1kx4   |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100x4  |
| RB103               | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100kx4 |
| RB701               | 1-233-234-11 s | RESISTOR BLOCK, CHIP 2.2kx4 |
| RV101               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV102               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV103               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV105               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV106               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV107               | 1-237-036-11 s | RES, ADJ METAL 10k          |
| RV108               | 1-237-038-11 s | RES, ADJ METAL 50k          |
| RV109               | 1-237-038-11 s | RES, ADJ METAL 50k          |
| RV110               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV111               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV112               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV301               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV302               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV303               | 1-237-032-11 s | RES, ADJ METAL 500          |
| RV304               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV305               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV306               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV307               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV308               | 1-237-032-11 s | RES, ADJ METAL 500          |
| RV309               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV310               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV311               | 1-237-032-11 s | RES, ADJ METAL 500          |
| RV312               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV313               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV314               | 1-237-032-11 s | RES, ADJ METAL 500          |
| RV315               | 1-237-032-11 s | RES, ADJ METAL 500          |
| RV316               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV317               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV318               | 1-237-030-11 s | RES, ADJ METAL 100          |
| RV319               | 1-237-030-11 s | RES, ADJ METAL 100          |
| RV501               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| RV502               | 1-237-036-11 s | RES, ADJ METAL 10k          |
| RV503               | 1-237-037-11 s | RES, ADJ METAL 20k          |
| RV504               | 1-237-036-11 s | RES, ADJ METAL 10k          |
| RV505               | 1-237-034-11 s | RES, ADJ METAL 2k           |
| RV506               | 1-237-033-11 s | RES, ADJ METAL 1k           |
| RV601               | 1-237-035-11 s | RES, ADJ METAL 5k           |
| S601                | 1-571-275-31 s | SWITCH, SLIDE               |
| TH101               | 1-809-352-11 s | THERMISTOR, CHIP 1.5k       |
| TP101               | 1-535-877-22 o | CHECKER, CHIP               |
| TP102               | 1-535-877-22 o | CHECKER, CHIP               |
| TP103               | 1-535-877-22 o | CHECKER, CHIP               |
| TP301               | 1-535-877-22 o | CHECKER, CHIP               |
| TP302               | 1-535-877-22 o | CHECKER, CHIP               |
| TP303               | 1-535-877-22 o | CHECKER, CHIP               |
| TP304               | 1-535-877-22 o | CHECKER, CHIP               |
| TP305               | 1-535-877-22 o | CHECKER, CHIP               |
| TP306               | 1-535-877-22 o | CHECKER, CHIP               |
| TP307               | 1-535-877-22 o | CHECKER, CHIP               |
| TP501               | 1-535-877-22 o | CHECKER, CHIP               |
| TP502               | 1-535-877-22 o | CHECKER, CHIP               |
| TP601               | 1-535-877-22 o | CHECKER, CHIP               |
| TP602               | 1-535-877-22 o | CHECKER, CHIP               |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description     |
|---------------------|----------------|--------------------|
| TP603               | 1-535-877-22 o | CHECKER, CHIP      |
| TP604               | 1-535-877-22 o | CHECKER, CHIP      |
| X101                | 1-767-260-11 s | CRYSTAL 13.50MHz   |
| X102                | 1-767-260-11 s | CRYSTAL 13.50MHz   |
| X103                | 1-767-260-11 s | CRYSTAL 13.50MHz   |
| X601                | 1-760-626-11 s | CRYSTAL 27.00MHz   |
| X602                | 1-760-457-11 s | CRYSTAL 17.7345MHz |

## KY-336B BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-8312-955-A | o MOUNTED CIRCUIT BOARD, KY-336B |
| 2pcs                | 7-682-648-09 | s SCREW +PS 3x8                  |
| C1                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C2                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C3                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C4                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C5                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C6                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C7                  | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C16                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C17                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C18                 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C19                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C20                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C21                 | 1-126-934-11 | s ELECT 220uF 20% 16V            |
| C22                 | 1-163-012-00 | s CERAMIC, CHIP 0.0018uF 10% 50V |
| C23                 | 1-111-136-11 | s ELECT 47uF 20% 63V             |
| C24                 | 1-126-968-11 | s ELECT 100uF 20% 50V            |
| C25                 | 1-126-968-11 | s ELECT 100uF 20% 50V            |
| C26                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C27                 | 1-126-965-11 | s ELECT 22uF 20% 50V             |
| C28                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C29                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C30                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C31                 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C32                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C33                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C34                 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C39                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C51                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C52                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C53                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C54                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C55                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C56                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C57                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C58                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C59                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C60                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C61                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C62                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C63                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C64                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C65                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C66                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C67                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C68                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C69                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C70                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C71                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C72                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C73                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C74                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C75                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C76                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C77                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C78                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C79                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |

## (KY-336B BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| C80                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C81                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C82                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C83                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C84                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C85                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C86                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C87                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C88                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C89                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C90                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C91                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C92                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C93                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C94                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C95                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C96                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C97                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C98                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C99                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C100                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C101                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| CN712               | 1-565-189-11 | s CONNECTOR, FPC 36P         |
| CN713               | 1-506-468-11 | s CONNECTOR 3P, MALE         |
| CN714               | 1-573-397-11 | s CONNECTOR, FPC 11P         |
| D1                  | 8-719-941-23 | s DIODE DA204U               |
| D2                  | 8-719-941-23 | s DIODE DA204U               |
| D3                  | 8-719-941-23 | s DIODE DA204U               |
| D5                  | 8-719-941-23 | s DIODE DA204U               |
| D6                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D7                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D8                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D11                 | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D12                 | 8-719-110-02 | s DIODE RD7.5ESB1            |
| D13                 | 8-719-108-24 | s DIODE 1SS223               |
| D14                 | 8-719-108-24 | s DIODE 1SS223               |
| D15                 | 8-719-158-61 | s DIODE RD16SB2              |
| D16                 | 8-719-901-83 | s DIODE 1SS83                |
| D17                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D18                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D19                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D20                 | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D25                 | 8-719-941-23 | s DIODE DA204U               |
| D26                 | 8-719-941-23 | s DIODE DA204U               |
| D27                 | 8-719-941-23 | s DIODE DA204U               |
| D28                 | 8-719-941-23 | s DIODE DA204U               |
| D29                 | 8-719-941-23 | s DIODE DA204U               |
| D30                 | 8-719-941-23 | s DIODE DA204U               |
| D31                 | 8-719-941-23 | s DIODE DA204U               |
| E1                  | 1-535-881-21 | o TERMINAL, TP               |
| IC1                 | 8-759-477-03 | s IC UPD78013FYCW-W07        |
| IC2                 | 8-759-350-99 | s IC M66004M6FP200D          |
| IC3                 | 8-759-186-44 | s IC TC74VHC125F             |
| IC4                 | 8-759-940-45 | s IC S-8054HN-CB             |
| IC5                 | 8-759-431-42 | s IC TD62504F-TEL            |
| L1                  | 1-410-385-11 | s INDUCTOR, CHIP 22uH        |
| L2                  | 1-410-381-11 | s INDUCTOR, CHIP 10uH        |



(KY-336B BOARD)

| Ref. No.<br>or Q'ty | Part No.         | SP Description            |
|---------------------|------------------|---------------------------|
| L4                  | 1-412-533-21 s   | INDUCTOR, CHIP 47uH       |
| L5                  | 1-412-031-11 s   | INDUCTOR, CHIP 47uH       |
| ND1                 | 1-517-599-11 s   | UNIT, FLD                 |
| ND2                 | 1-517-598-11 s   | UNIT, FLD                 |
| PS1                 | Δ 1-532-637-00 s | LINK, IC 1.0A             |
| PS2                 | Δ 1-532-605-00 s | LINK, IC 0.4A             |
| Q1                  | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106 |
| Q2                  | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106 |
| Q3                  | 8-729-140-63 s   | TRANSISTOR 2SA1611-M5M6   |
| Q4                  | 8-729-427-70 s   | TRANSISTOR XP4401-TXE     |
| Q5                  | 8-729-230-49 s   | TRANSISTOR 2SC2712-YG     |
| Q6                  | 8-729-822-55 s   | TRANSISTOR 2SD1669R       |
| Q7                  | 8-729-106-68 s   | TRANSISTOR 2SC1615A-GP    |
| Q8                  | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q9                  | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q10                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q11                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q12                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q13                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q14                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q15                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q16                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q17                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q18                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q19                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q20                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q21                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q22                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q23                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q24                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q25                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q26                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q27                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q28                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q29                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q30                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q31                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q32                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q33                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q34                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q35                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q36                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q37                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q38                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q39                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q40                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q41                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q42                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q43                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q44                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q45                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q46                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q47                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q48                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q49                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |
| Q50                 | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q51                 | 8-729-019-87 s   | TRANSISTOR 2SC3392-6-TB   |

(KY-336B BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q52                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q53                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q54                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q55                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q56                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q57                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q58                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q59                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q60                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q61                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q62                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q63                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q64                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q65                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q66                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q67                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q68                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q69                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q70                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q71                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q72                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q73                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q74                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q75                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q76                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q77                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q78                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q79                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q80                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q81                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q82                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q83                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q84                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q85                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q86                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q87                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q88                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q89                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q90                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q91                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q92                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q93                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q94                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q95                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q96                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q97                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q98                 | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q99                 | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q100                | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q101                | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q102                | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q103                | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q104                | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q105                | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q106                | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q107                | 8-729-019-87 s | TRANSISTOR 2SC3392-6-TB |
| Q108                | 8-729-216-22 s | TRANSISTOR 2SA1162      |
| Q109                | 8-729-230-49 s | TRANSISTOR 2SC2712-YG   |

(KY-336B BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description               |
|---------------------|--------------|----|---------------------------|
| R1                  | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R2                  | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R3                  | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R4                  | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R5                  | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R6                  | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R7                  | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R10                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R11                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R12                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R13                 | 1-216-061-00 | s  | METAL, CHIP 3.3k 5% 1/10W |
| R14                 | 1-216-061-00 | s  | METAL, CHIP 3.3k 5% 1/10W |
| R15                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R16                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R17                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R18                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R19                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-061-00 | s  | METAL, CHIP 3.3k 5% 1/10W |
| R21                 | 1-216-065-91 | s  | METAL, CHIP 4.7k 5% 1/10W |
| R22                 | 1-216-304-11 | s  | METAL, CHIP 3.3 5% 1/10W  |
| R23                 | 1-216-053-00 | s  | METAL, CHIP 1.5k 5% 1/10W |
| R24                 | 1-216-067-00 | s  | METAL, CHIP 5.6k 5% 1/10W |
| R25                 | 1-216-057-00 | s  | METAL, CHIP 2.2k 5% 1/10W |
| R26                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R27                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R28                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R29                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R30                 | 1-216-027-00 | s  | METAL, CHIP 120 5% 1/10W  |
| R31                 | 1-216-027-00 | s  | METAL, CHIP 120 5% 1/10W  |
| R32                 | 1-216-027-00 | s  | METAL, CHIP 120 5% 1/10W  |
| R33                 | 1-216-027-00 | s  | METAL, CHIP 120 5% 1/10W  |
| R34                 | 1-216-027-00 | s  | METAL, CHIP 120 5% 1/10W  |
| R36                 | 1-216-057-00 | s  | METAL, CHIP 2.2k 5% 1/10W |
| R37                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R38                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R39                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R40                 | 1-220-221-11 | s  | METAL, CHIP 100 5% 1/2W   |
| R41                 | 1-216-069-00 | s  | METAL, CHIP 6.8k 5% 1/10W |
| R42                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R43                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R44                 | 1-216-053-00 | s  | METAL, CHIP 1.5k 5% 1/10W |
| R45                 | 1-216-033-00 | s  | METAL, CHIP 220 5% 1/10W  |
| R46                 | 1-216-055-00 | s  | METAL, CHIP 1.8k 5% 1/10W |
| R47                 | 1-216-055-00 | s  | METAL, CHIP 1.8k 5% 1/10W |
| R48                 | 1-216-083-00 | s  | METAL, CHIP 27k 5% 1/10W  |
| R49                 | 1-216-083-00 | s  | METAL, CHIP 27k 5% 1/10W  |
| R50                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R51                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R52                 | 1-216-049-91 | s  | METAL, CHIP 1k 5% 1/10W   |
| R53                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R54                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R55                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R56                 | 1-216-089-91 | s  | METAL, CHIP 47k 5% 1/10W  |
| R60                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R61                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R62                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R63                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R64                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |
| R65                 | 1-216-025-91 | s  | METAL, CHIP 100 5% 1/10W  |

[illegible]

## (KY-336B BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R125                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| S1                  | 1-692-892-11 s | SWITCH, PUSH                |
| S2                  | 1-692-890-31 s | SWITCH, PUSH                |
| S3                  | 1-692-890-21 s | SWITCH, PUSH                |
| S4                  | 1-692-890-41 s | SWITCH, PUSH                |
| S5                  | 1-692-892-21 s | SWITCH, PUSH                |
| S11                 | 1-571-977-11 s | SWITCH, PUSH                |
| S12                 | 1-762-832-11 s | SWITCH, SLIDE               |
| T1                  | 1-429-856-11 s | TRANSFORMER, POWER          |
| TP1                 | 1-535-881-21 o | TERMINAL, TP                |
| X1                  | 1-579-175-11 s | RESONATOR, CERAMIC 10.00MHZ |

## MB-713 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10540 (For DSR-60 UC)  
Serial number; 10001 through 10800 (For DSR-60P CE)

|       |                |                               |
|-------|----------------|-------------------------------|
| 1pc   | A-8312-898-A o | MOUNTED CIRCUIT BOARD, MB-713 |
| C1    | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C2    | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C3    | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C4    | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C5    | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C6    | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C7    | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C8    | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C101  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C102  | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C103  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C104  | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C105  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C106  | 1-104-665-11 s | ELECT 100uF 20% 25V           |
| C107  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C108  | 1-104-665-11 s | ELECT 100uF 20% 25V           |
| C109  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C110  | 1-126-934-11 s | ELECT 220uF 20% 16V           |
| C111  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C112  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C113  | 1-126-934-11 s | ELECT 220uF 20% 16V           |
| C114  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C115  | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C116  | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C117  | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| C118  | 1-104-664-11 s | ELECT 47uF 20% 25V            |
| CN503 | 1-565-189-11 s | CONNECTOR, FPC 36P            |
| CN505 | 1-562-708-11 o | CONNECTOR, FPC 13P, FEMALE    |
| CN506 | 1-565-189-11 s | CONNECTOR, FPC 36P            |
| CN601 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN602 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN603 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN604 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN605 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN606 | 1-766-792-11 o | CONNECTOR, BB 12P, FEMALE     |
| CN607 | 1-764-259-11 s | CONNECTOR, D-SUB 15P, FEMALE  |
| CN608 | 1-573-566-11 s | CONNECTOR, D-SUB 9P, FEMALE   |
| CN609 | 1-564-002-11 s | CONNECTOR 3P, MALE            |
| CN701 | 1-506-477-11 s | CONNECTOR, 12P, MALE          |
| CN702 | 1-565-189-11 s | CONNECTOR, FPC 36P            |
| CN703 | 1-766-791-11 o | CONNECTOR, BB 10P, FEMALE     |
| CN801 | 1-563-370-11 o | CONNECTOR, FPC 14P            |
| CN903 | 1-691-757-11 o | CONNECTOR, BB 8P, MALE        |
| CN904 | 1-766-176-11 o | CONNECTOR, BB 6P, MALE        |
| FL1   | 1-233-314-11 s | FILTER, NOISE, CHIP           |
| FL2   | 1-233-314-11 s | FILTER, NOISE, CHIP           |
| FL3   | 1-233-314-11 s | FILTER, NOISE, CHIP           |
| FL4   | 1-233-314-11 s | FILTER, NOISE, CHIP           |
| FL5   | 1-233-314-11 s | FILTER, NOISE, CHIP           |
| FL6   | 1-233-314-11 s | FILTER, NOISE, CHIP           |

## (MB-713 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| FL7                 | 1-233-314-11 s | FILTER, NOISE, CHIP       |
| FL8                 | 1-233-314-11 s | FILTER, NOISE, CHIP       |
| IC1                 | 8-759-173-37 s | IC L79M09T-TL             |
| IC2                 | 8-759-172-41 s | IC L78M09T-TL             |
| IC3                 | 8-759-745-64 s | IC NJM4560M               |
| Q1                  | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q2                  | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q3                  | 8-729-202-38 s | TRANSISTOR 2SC3326N       |
| Q4                  | 8-729-027-38 s | TRANSISTOR DTA144EKA-T146 |
| Q5                  | 8-729-027-38 s | TRANSISTOR DTA144EKA-T146 |
| R1                  | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R2                  | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W |
| R3                  | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W   |
| R4                  | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R5                  | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R6                  | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R7                  | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R8                  | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W |
| R9                  | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W   |
| R10                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R11                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R14                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R16                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R17                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |

## MS-43 BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| 1pc                 | A-8312-024-A o | MOUNTED CIRCUIT BOARD, MS-43  |
| C1                  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C2                  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C3                  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C9                  | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C10                 | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C11                 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C12                 | 1-126-960-11 s | ELECT 1uF 20% 50V             |
| C13                 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C14                 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C15                 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C16                 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C101                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C102                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C103                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C104                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C105                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C106                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C107                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C108                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C109                | 1-115-340-11 s | CERAMIC, CHIP 0.22uF 10% 25V  |
| C111                | 1-115-340-11 s | CERAMIC, CHIP 0.22uF 10% 25V  |
| C112                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C113                | 1-126-403-11 s | ELECT, CHIP 3.3uF 20% 50V     |
| C114                | 1-115-340-11 s | CERAMIC, CHIP 0.22uF 10% 25V  |
| C115                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C116                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C117                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C118                | 1-164-505-11 s | CERAMIC, CHIP 2.2uF 16V       |
| C201                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C203                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C204                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C205                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C206                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C207                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C208                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C209                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C210                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C211                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C212                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C213                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| CN201               | 1-764-129-11 s | CONNECTOR, FPC 15P            |
| CN202               | 1-764-129-11 s | CONNECTOR, FPC 15P            |
| CN203               | 1-565-189-11 s | CONNECTOR, FPC 36P            |
| CN204               | 1-563-140-11 s | CONNECTOR 9P, FEMALE          |
| CN205               | 1-778-663-11 o | CONNECTOR, BB 6P, FEMALE      |
| CN206               | 1-565-189-11 s | CONNECTOR, FPC 36P            |
| CN207               | 1-766-716-11 o | CONNECTOR, BB 3P, MALE        |
| CN208               | 1-691-395-11 s | CONNECTOR, FPC 6P             |
| CN209               | 1-563-140-11 s | CONNECTOR 9P, FEMALE          |
| CN210               | 1-506-467-11 s | CONNECTOR 2P, MALE            |
| CN211               | 1-564-004-11 o | CONNECTOR 5P, MALE            |
| CN212               | 1-766-723-11 s | CONNECTOR, BB 3P, FEMALE      |
| CN221               | 1-566-767-11 s | CONNECTOR 12P, MALE           |
| D1                  | 8-719-938-07 s | DIODE GL480                   |
| D2                  | 8-719-938-07 s | DIODE GL480                   |

\*1)

## (MS-43 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| D101                | 8-719-800-76 | s DIODE 1SS226                |
| IC1                 | 8-759-469-25 | s IC AK6440AF-E2              |
| IC2                 | 8-759-700-07 | s IC NJM2903M                 |
| IC101               | 8-759-288-80 | s IC TA8424F(TP2)             |
| IC102               | 8-759-106-02 | s IC UPC4570G2                |
| IC103               | 8-759-106-02 | s IC UPC4570G2                |
| IC104               | 8-759-700-07 | s IC NJM2903M                 |
| IC201               | 8-759-106-02 | s IC UPC4570G2                |
| IC202               | 8-759-399-64 | s IC LB1857M-TE-L             |
| Q1                  | 8-729-903-81 | s PHOTO TRANSISTOR PT480      |
| Q2                  | 8-729-903-81 | s PHOTO TRANSISTOR PT480      |
| R1                  | 1-216-628-11 | s METAL, CHIP 110 0.5% 1/10W  |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R4                  | 1-216-628-11 | s METAL, CHIP 110 0.5% 1/10W  |
| R5                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R6                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R7                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R8                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R10                 | 1-216-295-91 | s RES, CHIP 0                 |
| R11                 | 1-216-295-91 | s RES, CHIP 0                 |
| R14                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R15                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R16                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R17                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R18                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R19                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R20                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R21                 | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R22                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R23                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R24                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R25                 | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R26                 | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R27                 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R101                | 1-216-111-00 | s METAL, CHIP 390k 5% 1/10W   |
| R102                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R103                | 1-216-295-91 | s RES, CHIP 0                 |
| R104                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W   |
| R105                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R106                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R107                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R108                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R110                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R111                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R113                | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R114                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R116                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R117                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R119                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R120                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R121                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R123                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R125                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R126                | 1-216-101-00 | s METAL, CHIP 150k 5% 1/10W   |

## (MS-43 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R127                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R128                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R129                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R130                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R131                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R201                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R202                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R203                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R204                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R205                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R206                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R207                | 1-218-760-11 | s METAL, CHIP 220k 0.5% 1/10W |
| R208                | 1-218-760-11 | s METAL, CHIP 220k 0.5% 1/10W |
| R209                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R211                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W    |
| R212                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W    |
| R213                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W    |
| R214                | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| TH1                 | 1-809-357-21 | s THERMISTOR, CHIP 10k        |



## PD-82 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The DV-17/A board has the PD-82 board, depending on the product serial numbers, as shown below:  
 Serial number; 10001 through 10620 (For DSR-60 J)  
 Serial number; 10001 through 10540 (For DSR-60 UC)  
 Serial number; 10001 through 10800 (For DSR-60P CE)

C1 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
 C2 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
 C3 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C4 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C5 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C6 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C7 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C8 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C9 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C10 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C11 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C13 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C14 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C15 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C17 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

CN1 1-774-391-11 o CONNECTOR, BB 60P, MALE

IC1 8-759-079-49 s IC TC74VHC04FS(EL)  
 IC2 8-759-079-61 s IC TC74VHC74FS(EL)  
 IC3 8-759-079-61 s IC TC74VHC74FS(EL)  
 IC4 8-759-079-61 s IC TC74VHC74FS(EL)  
 IC5 8-759-079-52 s IC TC74VHC08FS(EL)

IC6 8-759-196-93 s IC TC7SH00FU-TE85R  
 IC7 8-759-196-97 s IC TC7SH32FU-TE85R  
 IC8 8-759-464-80 o IC EPM7064LC-JOG

L1 1-410-381-11 s INDUCTOR, CHIP 10uH  
 L2 1-410-381-11 s INDUCTOR, CHIP 10uH

R2 1-216-295-91 s RES, CHIP 0  
 R3 1-216-295-91 s RES, CHIP 0  
 R4 1-216-295-91 s RES, CHIP 0  
 R5 1-216-295-91 s RES, CHIP 0  
 R2 1-216-295-91 s RES, CHIP 0

R3 1-216-295-91 s RES, CHIP 0  
 R4 1-216-295-91 s RES, CHIP 0  
 R5 1-216-295-91 s RES, CHIP 0  
 R6 1-216-295-91 s RES, CHIP 0  
 R7 1-216-295-91 s RES, CHIP 0

R8 1-216-295-91 s RES, CHIP 0  
 R9 1-216-295-91 s RES, CHIP 0  
 R10 1-216-295-91 s RES, CHIP 0  
 R11 1-216-295-91 s RES, CHIP 0  
 R12 1-216-295-91 s RES, CHIP 0

R13 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
 R14 1-216-295-91 s RES, CHIP 0

## PRE-39 BOARD

Ref. No.  
or Q'ty Part No. SP Description

1pc A-8312-950-A s MOUNTED CIRCUIT BOARD, PRE-39

C201 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C202 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V  
 C203 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C204 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C205 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V

C206 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
 C207 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
 C208 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
 C209 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
 C210 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C211 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

CN201 1-563-370-11 o CONNECTOR, FPC 14P  
 CN202 1-770-324-11 o CONNECTOR, FPC 8P

IC201 8-752-067-87 s IC CXA1760Q

L201 1-414-398-11 s INDUCTOR, CHIP 10uH  
 L202 1-414-398-11 s INDUCTOR, CHIP 10uH

PS1 Δ 1-576-123-21 s LINK, IC, CHIP 0.8A  
 PS2 Δ 1-576-123-21 s LINK, IC, CHIP 0.8A

R201 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  
 R203 1-216-658-11 s METAL, CHIP 2k 0.5% 1/10W  
 R207 1-216-075-00 s METAL, CHIP 12k 5% 1/10W  
 R210 1-216-075-00 s METAL, CHIP 12k 5% 1/10W  
 R211 1-216-658-11 s METAL, CHIP 2k 0.5% 1/10W

R214 1-216-073-00 s METAL, CHIP 10k 5% 1/10W

## PTC-84 BOARD

Ref. No.  
or Q'ty Part No. SP Description

1pc 1-662-908-11 o PRINTED CIRCUIT BOARD, PTC-84

CN220 1-566-767-11 s CONNECTOR 12P, MALE  
 CN222 1-564-002-11 s CONNECTOR 3P, MALE  
 CN223 1-506-468-11 s CONNECTOR 3P, MALE  
 CN224 1-506-467-11 s CONNECTOR 2P, MALE

PH1 8-719-991-24 s PHOTO-INTERRUPTER GP1S23  
 PH2 8-719-991-24 s PHOTO-INTERRUPTER GP1S23

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PTC-85 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-909-11 | o PRINTED CIRCUIT BOARD, PTC-85 |
| CN26                | 1-766-716-11 | o CONNECTOR, BB 3P, MALE        |
| Q1                  | 8-729-926-31 | s PHOTO TRANSISTOR PT483F1S     |

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RM-159 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-916-11 | o PRINTED CIRCUIT BOARD, RM-159 |
| CN11                | 1-778-666-11 | o CONNECTOR, FPC 9P             |
| CN12                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN13                | 1-564-013-11 | o CONNECTOR 3P, MALE            |
| CN14                | 1-564-718-11 | o CONNECTOR 2P, MALE            |

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PTC-86 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-910-11 | o PRINTED CIRCUIT BOARD, PTC-86 |
| CN24                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN25                | 1-778-662-11 | o CONNECTOR, BB 6P, MALE        |
| Q1                  | 8-729-926-31 | s PHOTO TRANSISTOR PT483F1S     |

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RM-160 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-919-11 | o PRINTED CIRCUIT BOARD, RM-160 |
| CN15                | 1-778-666-11 | o CONNECTOR, FPC 9P             |
| CN16                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN17                | 1-564-013-11 | o CONNECTOR 3P, MALE            |
| CN18                | 1-564-718-11 | o CONNECTOR 2P, MALE            |

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PTC-87 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-911-11 | o PRINTED CIRCUIT BOARD, PTC-87 |
| CN23                | 1-766-723-11 | s CONNECTOR, BB 3P, FEMALE      |
| D1                  | 8-719-057-82 | s LED TLN115A, INFRARED         |

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PTC-88 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-912-11 | o PRINTED CIRCUIT BOARD, PTC-88 |
| CN21                | 1-506-484-11 | s CONNECTOR 5P, MALE            |
| CN22                | 1-506-481-11 | s CONNECTOR 2P, MALE            |
| PH1                 | 8-719-939-05 | s PHOTO-INTERRUPTER GP-1S54     |

## RP-103 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10120 (For DSR-60 J)  
Serial number; 10001 through 10180 (For DSR-60 UC)  
Serial number; 10001 through 10250 (For DSR-60P CE)

|      |              |                                   |
|------|--------------|-----------------------------------|
| 1pc  | A-8312-948-A | s MOUNTED CIRCUIT BOARD, RP-103   |
| 2pcs | 7-682-903-11 | s SCREW +PWH 3x6                  |
| C110 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C111 | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| C112 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C113 | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C114 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C115 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C116 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V   |
| C117 | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V   |
| C118 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C119 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C120 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C121 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C122 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
| C124 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| C127 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C128 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C129 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C130 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C131 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C132 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C133 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C134 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C135 | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C136 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C137 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V      |
| C138 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C139 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C140 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C141 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C142 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C143 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C144 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C145 | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C146 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C147 | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| C148 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C149 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C150 | 1-163-016-00 | s CERAMIC, CHIP 0.0039MF 10% 50V  |
| C151 | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V  |
| C152 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
| C153 | 1-164-182-11 | s CERAMIC, CHIP 0.0033uF 10% 100V |
| C154 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C155 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
| C156 | 1-163-016-00 | s CERAMIC, CHIP 0.0039MF 10% 50V  |
| C157 | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V  |
| C158 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C159 | 1-164-182-11 | s CERAMIC, CHIP 0.0033uF 10% 100V |
| C160 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C161 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C162 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |

## (RP-103 BOARD)

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                   |
|-------|--------------|-----------------------------------|
| C163  | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| C164  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C201  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C202  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C203  | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V     |
| C204  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C205  | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V      |
| C206  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C207  | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V      |
| C208  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C209  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C210  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C211  | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C212  | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C213  | 1-104-914-11 | s TANTALUM 22uF 20% 16V           |
| C214  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C215  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C216  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C217  | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C218  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C219  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C220  | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| C221  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C222  | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V   |
| C223  | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| C224  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C225  | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C226  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C227  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C228  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C229  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C230  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C231  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C233  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C234  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C235  | 1-104-823-11 | s TANTALUM, CHIP 47uF 20% 16V     |
| C236  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C237  | 1-135-159-21 | s TANTALUM, CHIP 10uF 10% 20V     |
| C240  | 1-135-259-11 | s TANTALUM, CHIP 10uF 20% 6.3V    |
| CN101 | 1-566-621-11 | o CONNECTOR, PS 34P, FEMALE       |
| D201  | 8-719-041-39 | s DIODE KV1470                    |
| D202  | 8-719-027-95 | s DIODE HSM88WK                   |
| FL101 | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL102 | 1-233-343-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL103 | 1-233-344-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL201 | 1-233-351-21 | s FILTER, BAND-PASS, CHIP 465kHz  |
| FL202 | 1-233-350-21 | s FILTER, BAND-PASS1, CHIP 697kHz |
| IC102 | 8-752-070-11 | s IC CXA1761R                     |
| IC103 | 8-752-070-12 | s IC CXA1762Q                     |
| IC201 | 8-759-062-66 | s IC TC7S66F                      |
| IC202 | 8-759-469-25 | s IC AK6440AF-E2                  |
| IC203 | 8-759-064-36 | s IC MB88346BPFV                  |
| IC204 | 8-759-327-00 | s IC CXA8044Q-T4                  |
| IC205 | 8-752-371-18 | s IC CXD2302Q                     |
| IC206 | 8-752-379-36 | s IC CXD2189AR                    |
| IC207 | 8-759-524-28 | s IC TC74VHC245FT(EL)             |
| IC208 | 8-759-524-28 | s IC TC74VHC245FT(EL)             |

## (RP-103 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| IC209               | 8-759-259-77   | s IC PQ20VZ5U                |
| L103                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L104                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L106                | 1-410-393-11   | s INDUCTOR, CHIP 100uH       |
| L107                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L108                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L109                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L110                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L201                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L202                | 1-412-282-41   | s INDUCTOR, CHIP 470uH       |
| L203                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L204                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L205                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L206                | 1-410-738-41   | s INDUCTOR, CHIP 0.56uH      |
| L207                | 1-412-364-11   | s FILTER, NOISE, CHIP        |
| L208                | 1-412-364-11   | s FILTER, NOISE, CHIP        |
| L210                | 1-410-381-11   | s INDUCTOR, CHIP 10uH        |
| L211                | 1-410-381-11   | s INDUCTOR, CHIP 10uH        |
| PS1                 | Δ 1-576-123-21 | s LINK, IC, CHIP 0.8A        |
| PS2                 | Δ 1-576-123-21 | s LINK, IC, CHIP 0.8A        |
| Q101                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q102                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q103                | 8-729-905-23   | s TRANSISTOR 2SA1576R        |
| Q104                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q105                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q106                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q107                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q201                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146  |
| Q202                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| R113                | 1-216-065-91   | s METAL, CHIP 4.7k 5% 1/10W  |
| R114                | 1-216-013-00   | s METAL, CHIP 33 5% 1/10W    |
| R115                | 1-216-069-00   | s METAL, CHIP 6.8k 5% 1/10W  |
| R116                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W    |
| R117                | 1-216-021-00   | s METAL, CHIP 68 5% 1/10W    |
| R118                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W    |
| R119                | 1-216-113-00   | s METAL, CHIP 470k 5% 1/10W  |
| R120                | 1-216-077-00   | s METAL, CHIP 15k 5% 1/10W   |
| R121                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W   |
| R122                | 1-216-113-00   | s METAL, CHIP 470k 5% 1/10W  |
| R123                | 1-216-039-00   | s METAL, CHIP 390 5% 1/10W   |
| R124                | 1-216-039-00   | s METAL, CHIP 390 5% 1/10W   |
| R125                | 1-216-684-91   | s METAL, CHIP 24k 0.5% 1/10W |
| R126                | 1-216-684-91   | s METAL, CHIP 24k 0.5% 1/10W |
| R127                | 1-216-075-00   | s METAL, CHIP 12k 5% 1/10W   |
| R128                | 1-216-651-11   | s METAL, CHIP 1k 0.5% 1/10W  |
| R130                | 1-216-295-91   | s RES, CHIP 0                |
| R131                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W   |
| R132                | 1-216-075-00   | s METAL, CHIP 12k 5% 1/10W   |
| R133                | 1-216-037-00   | s METAL, CHIP 330 5% 1/10W   |
| R134                | 1-216-037-00   | s METAL, CHIP 330 5% 1/10W   |
| R135                | 1-216-037-00   | s METAL, CHIP 330 5% 1/10W   |
| R136                | 1-216-037-00   | s METAL, CHIP 330 5% 1/10W   |
| R137                | 1-216-037-00   | s METAL, CHIP 330 5% 1/10W   |
| R138                | 1-216-041-00   | s METAL, CHIP 470 5% 1/10W   |
| R139                | 1-216-636-11   | s METAL, CHIP 240 0.5% 1/10W |
| R140                | 1-216-295-91   | s RES, CHIP 0                |
| R141                | 1-216-636-11   | s METAL, CHIP 240 0.5% 1/10W |

## (RP-103 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R142                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R143                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W    |
| R144                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R145                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W     |
| R146                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W   |
| R147                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R149                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W    |
| R150                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R151                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W   |
| R152                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W     |
| R153                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R154                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R155                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R201                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R203                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R204                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R206                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R207                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W    |
| R208                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W     |
| R209                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R211                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R213                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R214                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R215                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R216                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R217                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R218                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R219                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R220                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R221                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R222                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R223                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R224                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R225                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W     |
| R226                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R227                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R228                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R229                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R230                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R231                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R232                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R233                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W  |
| R234                | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W   |
| RB201               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB204               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB205               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB206               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB207               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB208               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB209               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |

\*1)

## SDI-26A BOARD(DSBK-110/110P)

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10320 (For DSBK-110 J)  
Serial number; 10001 through 10120 (For DSBK-110 UC)  
Serial number; 10001 through 10400 (For DSBK-110P CE)
- \*2) Serial number; 10461 and higher (For DSBK-110 J)  
Serial number; 10401 and higher (For DSBK-110 UC)  
Serial number; 10561 and higher (For DSBK-110P CE)
- \*3) Serial number; 10461 through 10650 (For DSBK-110 J)  
Serial number; 10401 through 10460 (For DSBK-110 UC)  
Serial number; 10561 through 10690 (For DSBK-110P CE)
- \*4) Serial number; 10001 through 10650 (For DSBK-110 J)  
Serial number; 10001 through 10460 (For DSBK-110 UC)  
Serial number; 10001 through 10690 (For DSBK-110P CE)
- \*6) Serial number; 10891 and higher (For DSBK-110 J)  
Serial number; 10691 and higher (For DSBK-110 UC)  
Serial number; 10741 and higher (For DSBK-110P CE)

1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
1pc 3-189-543-03 o IC HEAT SINK (A)  
1pc 3-189-544-04 o IC HEAT SINK (B)

1pc 7-621-770-87 s SCREW +B 2.6x5

C103 1-126-925-11 s ELECT 470uF 20% 10V  
C104 1-126-925-11 s ELECT 470uF 20% 10V  
C105 1-126-925-11 s ELECT 470uF 20% 10V  
C107 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C108 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C109 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C208 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C244 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C247 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C300 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

C301 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*4)  
1-126-157-11 s ELECT 10uF 20% 16V \*5)

C302 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C303 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C304 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C306 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C308 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C309 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C310 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C406 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C408 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C409 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C410 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C411 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C412 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C413 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C416 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*4)

1-126-157-11 s ELECT 10uF 20% 16V \*5)

C417 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*4)  
1-126-157-11 s ELECT 10uF 20% 16V \*5)

C420 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C421 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C424 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

## (SDI-26A BOARD(DSBK-110/110P))

Ref. No.  
or Q'ty Part No. SP Description

C425 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C428 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C429 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C433 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C434 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C436 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C437 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C438 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C439 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C440 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C441 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C442 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C443 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C444 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C500 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C501 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C502 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C503 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C504 1-126-934-11 s ELECT 220uF 20% 16V  
C505 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C507 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C508 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C509 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C510 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
C511 1-126-934-11 s ELECT 220uF 20% 16V

C512 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*4)  
1-126-157-11 s ELECT 10uF 20% 16V \*5)

C513 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C514 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C515 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C516 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C517 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C518 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C519 1-126-934-11 s ELECT 220uF 20% 16V  
C520 1-126-934-11 s ELECT 220uF 20% 16V  
C521 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C522 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

CN500 1-750-880-11 s CONNECTOR, MINI COAX, FEMALE

D500 8-719-404-35 s DIODE MA141WK  
D501 8-719-989-22 s LED CL-150R-CD, RED  
D502 8-719-404-35 s DIODE MA141WK

E100 1-535-881-21 o TERMINAL, TP  
E200 1-535-881-21 o TERMINAL, TP  
E300 1-535-881-21 o TERMINAL, TP  
E400 1-535-881-21 o TERMINAL, TP  
E500 1-535-881-21 o TERMINAL, TP

FB500 1-543-813-21 s CHOKE, NOISE, CHIP  
FB501 1-543-813-21 s CHOKE, NOISE, CHIP  
FB502 1-543-813-21 s CHOKE, NOISE, CHIP  
FB503 1-543-813-21 s CHOKE, NOISE, CHIP

IC207 8-759-186-63 s IC TC74VHC245F(EL)  
IC251 8-759-186-44 s IC TC74VHC125F  
IC300 8-759-483-67 s IC UPD78011FCW-026  
IC301 8-759-927-12 s IC SN74HCT244ANS  
IC302 8-759-186-49 s IC TC74VHC139F(EL)

IC303 8-759-926-80 s IC SN74HC573NS



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |     |
|---------------------|----------------|-----------------------------|-----|
| IC304               | 8-759-233-75   | s IC TC74HCT245AF           |     |
| IC307               | 8-759-081-42   | s IC TC74VHC00F             |     |
| IC308               | 8-759-393-38   | s IC SN74LVC245ANS-E20      |     |
| IC401               | 8-759-328-28   | s IC ZA4024                 |     |
| IC402               | 8-759-328-28   | s IC ZA4024                 |     |
| IC407               | 8-759-186-63   | s IC TC74VHC245F(EL)        |     |
| IC408               | 8-759-186-63   | s IC TC74VHC245F(EL)        |     |
| IC409               | 8-759-079-87   | s IC TC74VHC245FS(EL)       | *4) |
|                     | 8-759-186-63   | s IC TC74VHC245F(EL)        | *5) |
| IC410               | 8-759-079-87   | s IC TC74VHC245FS(EL)       | *4) |
|                     | 8-759-186-63   | s IC TC74VHC245F(EL)        | *5) |
| IC500               | 8-741-601-11   | s IC SBX1601A               |     |
| IC502               | 8-759-324-03   | s IC HA17431UA-TL           |     |
| IC503               | 8-759-510-71   | s IC UPC358G2-E2            |     |
| IC630               | 8-759-186-02   | s IC TC74VHCT245F(EL)       | *5) |
| L100                | 1-412-527-11   | s INDUCTOR 15uH             |     |
| L101                | 1-412-533-21   | s INDUCTOR 47uH             |     |
| L102                | 1-412-533-21   | s INDUCTOR 47uH             |     |
| L400                | 1-410-470-11   | s INDUCTOR 10uH             |     |
| L401                | 1-410-470-11   | s INDUCTOR 10uH             |     |
| L500                | 1-414-102-11   | s INDUCTOR 0.22uH           |     |
| PS100               | Δ 1-532-686-21 | s LINK, IC 2.7A             |     |
| PS101               | Δ 1-532-984-11 | s LINK, IC 2A               |     |
| PS102               | Δ 1-532-984-11 | s LINK, IC 2A               |     |
| Q500                | 8-729-105-68   | s TRANSISTOR 2SC3356-K      |     |
| Q501                | 8-729-105-68   | s TRANSISTOR 2SC3356-K      |     |
| Q502                | 8-729-105-68   | s TRANSISTOR 2SC3356-K      |     |
| Q503                | 8-729-105-68   | s TRANSISTOR 2SC3356-K      |     |
| Q504                | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |     |
| Q506                | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |     |
| R206                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R207                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R208                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R221                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W  | *2) |
| R241                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R242                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R243                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R244                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R245                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R246                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R247                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R248                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R249                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R250                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R251                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R300                | 1-216-295-91   | s RES, CHIP 0               |     |
| R302                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R306                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R307                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R308                | 1-216-109-00   | s METAL, CHIP 330k 5% 1/10W |     |
| R309                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W  | *1) |
| R310                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W  |     |
| R311                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W   |     |
| R312                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W  | *4) |
| R313                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W   |     |

(SDI-26A BOARD(DSBK-110/110P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |     |
|---------------------|--------------|-----------------------------|-----|
| R314                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R315                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R318                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R320                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R322                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R326                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R329                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |     |
| R331                | 1-216-295-91 | s RES, CHIP 0               | *3) |
| R406                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |     |
| R407                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |     |
| R408                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |     |
| R409                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R410                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R411                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R412                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R413                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R414                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R417                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R418                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R419                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R420                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R427                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R428                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R431                | 1-216-295-91 | s RES, CHIP 0               | *4) |
| R437                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R438                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R439                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |     |
| R440                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |     |
| R441                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |     |
| R442                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |     |
| R443                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R444                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R445                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R446                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R447                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R448                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R449                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R450                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R451                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |     |
| R500                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |     |
| R501                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |     |
| R502                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |     |
| R503                | 1-216-295-91 | s RES, CHIP 0               |     |
| R504                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |     |
| R505                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W |     |
| R506                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |     |
| R508                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |     |
| R509                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W |     |
| R510                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |     |
| R511                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R512                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R513                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |     |
| R514                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R515                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R516                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |

## (SDI-26A BOARD(DSBK-110/110P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R517                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R518                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R519                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R520                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R521                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R522                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R523                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R524                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R525                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R526                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W   |
| R527                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W     |
| R528                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W   |
| R529                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W     |
| R530                | 1-216-295-91 | s RES, CHIP 0                  |
| R531                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R532                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R533                | 1-216-295-91 | s RES, CHIP 0                  |
| R534                | 1-216-295-91 | s RES, CHIP 0                  |
| R535                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R536                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R537                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R538                | 1-216-295-91 | s RES, CHIP 0                  |
| R539                | 1-216-295-91 | s RES, CHIP 0                  |
| R542                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R543                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R545                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R546                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W  |
| R548                | 1-216-295-91 | s RES, CHIP 0                  |
| R549                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W   |
| R550                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R560                | 1-216-295-91 | s RES, CHIP 0                  |
| R562                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W  |
| R563                | 1-216-295-91 | s RES, CHIP 0                  |
| R564                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W   |
| RB300               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RB301               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RB302               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RV500               | 1-237-034-11 | s RES, ADJ, METAL 2k           |
| S301                | 1-554-843-11 | s SWITCH, SLIDE                |
| X300                | 1-579-175-11 | s RESONATOR, CERAMIC 10.00MHz  |

## SDI-28 BOARD(DSBK-100/100P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6                  |
| 1pc                 | 3-189-543-03 | o IC HEAT SINK (A)             |
| 1pc                 | 3-189-544-04 | o IC HEAT SINK (B)             |
| 1pc                 | 7-621-770-87 | s SCREW +B 2.6x5               |
| 2pcs                | 7-623-422-07 | s LW 3, TYPE B                 |
| C101                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C102                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C103                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C104                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C106                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C107                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C108                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C109                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C110                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C111                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C112                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C113                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C114                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C115                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C116                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C117                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C118                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C119                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C120                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C121                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V    |
| C122                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C123                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V    |
| C124                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C125                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C126                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C127                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C128                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C129                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C130                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V    |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C202                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C203                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C204                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C205                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C206                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C207                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V   |
| C208                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C210                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C211                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C212                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C213                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C214                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C215                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C216                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C217                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C218                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C219                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V   |
| C220                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V   |
| C221                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V   |
| C222                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C223                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C301                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V   |
| C302                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C303                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |

(SDI-28 BOARD(DSBK-100/100P))

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C304                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| CN28                | 1-774-376-11 s | CONNECTOR, BB 68P            |
| CN201               | 1-750-880-11 s | CONNECTOR, MINI COAX, FEMALE |
| CN202               | 1-750-880-11 s | CONNECTOR, MINI COAX, FEMALE |
| CNI301              | 1-526-950-11 o | SOCKET, IC 64P               |
| D101                | 8-719-820-41 s | DIODE 1SS302                 |
| D201                | 8-719-404-35 s | DIODE MA141WK                |
| D202                | 8-719-989-22 s | LED CL-150R-CD, RED          |
| D203                | 8-719-404-35 s | DIODE MA141WK                |
| E201                | 1-535-881-21 o | TERMINAL, TP                 |
| E301                | 1-535-881-21 o | TERMINAL, TP                 |
| FB201               | 1-543-813-21 s | CHOKER, NOISE, CHIP          |
| FB202               | 1-543-813-21 s | CHOKER, NOISE, CHIP          |
| FB203               | 1-543-813-21 s | CHOKER, NOISE, CHIP          |
| FB204               | 1-543-813-21 s | CHOKER, NOISE, CHIP          |
| FB205               | 1-543-813-21 s | CHOKER, NOISE, CHIP          |
| IC101               | 8-759-272-21 s | IC TC74VHCT541F              |
| IC102               | 8-759-272-21 s | IC TC74VHCT541F              |
| IC103               | 8-759-081-44 s | IC TC74VHC04F                |
| IC104               | 8-759-186-53 s | IC TC74VHC163F(EL)           |
| IC105               | 8-759-186-53 s | IC TC74VHC163F(EL)           |
| IC106               | 8-759-186-30 s | IC TC74VHC14F(EL)            |
| IC107               | 8-759-186-53 s | IC TC74VHC163F(EL)           |
| IC108               | 8-759-186-53 s | IC TC74VHC163F(EL)           |
| IC109               | 8-759-186-53 s | IC TC74VHC163F(EL)           |
| IC110               | 8-759-456-03 s | IC M66256GP-E2               |
| IC111               | 8-759-186-38 s | IC TC74VHC32F(EL)            |
| IC112               | 8-759-519-12 s | IC CXD8281Q                  |
| IC113               | 8-759-172-73 s | IC CXD8385Q                  |
| IC114               | 8-759-271-86 s | IC TC7SH04FU                 |
| IC115               | 8-759-175-27 s | IC TC74VHC574F               |
| IC116               | 8-759-186-30 s | IC TC74VHC14F(EL)            |
| IC201               | 8-741-601-11 s | IC SBX1601A                  |
| IC202               | 8-759-510-71 s | IC UPC358G2-E2               |
| IC203               | 8-759-324-03 s | IC HA17431UA-TL              |
| IC301               | 8-759-483-67 s | IC UPD78011FCW-026           |
| IC303               | 8-759-926-80 s | IC SN74HC573NS               |
| IC304               | 8-759-276-00 s | IC TC7W139FU(TL12R)          |
| L101                | 1-412-533-21 s | INDUCTOR 47uH                |
| L102                | 1-412-533-21 s | INDUCTOR 47uH                |
| L103                | 1-412-533-21 s | INDUCTOR 47uH                |
| L201                | 1-414-102-11 s | INDUCTOR 0.22uH              |
| Q101                | 8-729-029-14 s | TRANSISTOR DTC144EUA-T106    |
| Q102                | 8-729-029-14 s | TRANSISTOR DTC144EUA-T106    |
| Q103                | 8-729-029-14 s | TRANSISTOR DTC144EUA-T106    |
| Q201                | 8-729-105-68 s | TRANSISTOR 2SC3356-K         |
| Q202                | 8-729-105-68 s | TRANSISTOR 2SC3356-K         |
| Q203                | 8-729-105-68 s | TRANSISTOR 2SC3356-K         |
| Q204                | 8-729-105-68 s | TRANSISTOR 2SC3356-K         |
| Q205                | 8-729-105-68 s | TRANSISTOR 2SC3356-K         |
| Q206                | 8-729-028-91 s | TRANSISTOR DTA144EUA-T106    |
| Q208                | 8-729-028-91 s | TRANSISTOR DTA144EUA-T106    |
| R101                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R102                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R103                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |

(SDI-28 BOARD(DSBK-100/100P))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| R104                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R106                | 1-216-295-91 s | RES, CHIP 0               |
| R107                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R109                | 1-216-295-91 s | RES, CHIP 0               |
| R110                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R111                | 1-216-295-91 s | RES, CHIP 0               |
| R112                | 1-216-295-91 s | RES, CHIP 0               |
| R113                | 1-216-295-91 s | RES, CHIP 0               |
| R114                | 1-216-295-91 s | RES, CHIP 0               |
| R115                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R116                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R117                | 1-216-295-91 s | RES, CHIP 0               |
| R118                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R119                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W |
| R120                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R121                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R122                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R127                | 1-216-295-91 s | RES, CHIP 0               |
| R128                | 1-216-295-91 s | RES, CHIP 0               |
| R129                | 1-216-295-91 s | RES, CHIP 0               |
| R130                | 1-216-295-91 s | RES, CHIP 0               |
| R132                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R134                | 1-216-295-91 s | RES, CHIP 0               |
| R136                | 1-216-295-91 s | RES, CHIP 0               |
| R138                | 1-216-295-91 s | RES, CHIP 0               |
| R140                | 1-216-295-91 s | RES, CHIP 0               |
| R145                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R149                | 1-216-295-91 s | RES, CHIP 0               |
| R150                | 1-216-295-91 s | RES, CHIP 0               |
| R151                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R152                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W |
| R153                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R154                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W |
| R155                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R156                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W |
| R158                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R159                | 1-216-295-91 s | RES, CHIP 0               |
| R160                | 1-216-295-91 s | RES, CHIP 0               |
| R173                | 1-216-295-91 s | RES, CHIP 0               |
| R174                | 1-216-295-91 s | RES, CHIP 0               |
| R175                | 1-216-295-91 s | RES, CHIP 0               |
| R176                | 1-216-295-91 s | RES, CHIP 0               |
| R177                | 1-216-295-91 s | RES, CHIP 0               |
| R178                | 1-216-295-91 s | RES, CHIP 0               |
| R179                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R180                | 1-216-029-00 s | METAL, CHIP 150 5% 1/10W  |
| R181                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R182                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W   |
| R183                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W   |
| R201                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W  |
| R202                | 1-216-079-00 s | METAL, CHIP 18k 5% 1/10W  |
| R203                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R204                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R205                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R209                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |
| R210                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W  |

(SDI-28 BOARD(DSBK-100/100P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R211                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| R212                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R214                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W      |
| R215                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W      |
| R216                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R217                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R218                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| R219                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W     |
| R220                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| R221                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W     |
| R222                | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W     |
| R224                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W     |
| R225                | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W     |
| R226                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W     |
| R228                | 1-216-295-91 | s RES, CHIP 0                   |
| R229                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W      |
| R230                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W      |
| R231                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W     |
| R232                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W     |
| R233                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W     |
| R234                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W     |
| R235                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R236                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R237                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| R238                | 1-216-295-91 | s RES, CHIP 0                   |
| R239                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W    |
| R241                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W   |
| R242                | 1-216-295-91 | s RES, CHIP 0                   |
| R243                | 1-216-295-91 | s RES, CHIP 0                   |
| R244                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W    |
| R247                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W     |
| R248                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    |
| R249                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W   |
| R250                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W     |
| R253                | 1-216-295-91 | s RES, CHIP 0                   |
| R254                | 1-216-295-91 | s RES, CHIP 0                   |
| R255                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R256                | 1-216-295-91 | s RES, CHIP 0                   |
| R301                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| R302                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| R303                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W     |
| R304                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R307                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R308                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R309                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R310                | 1-216-295-91 | s RES, CHIP 0                   |
| R311                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R312                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| RB101               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB104               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100k x 8 |
| RB105               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100k x 8 |

(SDI-28 BOARD(DSBK-100/100P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| RB106               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB107               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB108               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RV201               | 1-241-262-11 | s RES, ADJ, METAL 2k            |
| X301                | 1-579-175-11 | s RESONATOR, CERAMIC 10.00MHz   |
| -----               |              |                                 |
| SE-315 BOARD        |              |                                 |
| -----               |              |                                 |
| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
| 1pc                 | 1-662-914-11 | o PRINTED CIRCUIT BOARD, SE-315 |
| CN61                | 1-566-759-11 | o CONNECTOR 4P, MALE            |
| IC1                 | 8-749-012-50 | s IC HEDR-8000                  |
| R1                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |
| -----               |              |                                 |
| SE-361 BOARD        |              |                                 |
| -----               |              |                                 |
| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
| 1pc                 | 1-662-915-11 | o PRINTED CIRCUIT BOARD, SE-361 |
| CN61                | 1-566-759-11 | o CONNECTOR 4P, MALE            |
| IC1                 | 8-749-012-50 | s IC HEDR-8000                  |
| R1                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |

SV-184 BOARD; Suffix -14

(SV-184 BOARD; Suffix -14)

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -14.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10540 (For DSR-60 UC)  
Serial number; 10001 through 10800 (For DSR-60P CE)
- \*2) Serial number; 10621 and higher (For DSR-60 J)  
Serial number; 10541 and higher (For DSR-60 UC)  
Serial number; 10801 and higher (For DSR-60P CE)
- \*3) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10540 (For DSR-60 UC)  
Serial number; 10001 through 11100 (For DSR-60P CE)
- \*4) Serial number; 10621 and higher (For DSR-60 J)  
Serial number; 10541 and higher (For DSR-60 UC)  
Serial number; 11101 and higher (For DSR-60P CE)

1pc A-8312-944-A s MOUNTED CIRCUIT BOARD, SV-184  
1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
13pcs 7-621-759-65 s +PSW, 2.6x8

1pc 1-528-749-11 s BATTERY, LITHIUM  
1pc 7-621-759-65 s +PSW, 2.6x8

C1 1-107-909-11 s ELECT 47uF 20% 16V  
C4 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C5 1-135-076-21 s TANTALUM, CHIP 1uF 10% 35V  
C6 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C9 1-135-076-21 s TANTALUM, CHIP 1uF 10% 35V

C12 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C13 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C14 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C15 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C17 1-163-091-00 s CERAMIC, CHIP 8pF 50V  
C18 1-163-091-00 s CERAMIC, CHIP 8pF 50V  
C19 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C20 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C21 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C23 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C25 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C27 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C28 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C29 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C30 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C31 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C33 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C35 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C37 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C39 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C41 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C42 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

Ref. No.  
or Q'ty Part No. SP Description

C101 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C102 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C103 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C106 1-164-695-11 s CERAMIC 0.0022uF 5% 50V  
C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C108 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C109 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C110 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C111 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C112 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C114 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C115 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C116 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C119 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C120 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C121 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C122 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C201 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C202 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C205 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C206 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C207 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C208 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C209 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C210 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C212 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C213 1-163-224-11 s CERAMIC, CHIP 7pF 0.25pF 50V  
C214 1-163-224-11 s CERAMIC, CHIP 7pF 0.25pF 50V

C216 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C217 1-107-909-11 s ELECT 47uF 20% 16V  
C218 1-107-909-11 s ELECT 47uF 20% 16V  
C219 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C220 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V

C221 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
C222 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C223 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C225 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
C226 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C227 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C228 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C229 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C230 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C231 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C232 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C233 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C234 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C235 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C236 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C307 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C313 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C314 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C315 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C316 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C317 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C318 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C319 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C320 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V



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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C321                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C322                | 1-130-489-00 s | MYLAR 0.033uF 5% 50V          |
| C323                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C324                | 1-164-695-11 s | CERAMIC, CHIP 0.0022uF 5% 50V |
| C325                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C326                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C327                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C328                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C329                | 1-164-695-11 s | CERAMIC, CHIP 0.0022uF 5% 50V |
| C330                | 1-164-695-11 s | CERAMIC, CHIP 0.0022uF 5% 50V |
| C331                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C332                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C333                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C334                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C335                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C336                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C338                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C339                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C340                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C341                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C342                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C343                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C344                | 1-107-907-11 s | ELECT 22uF 20% 25V            |
| C345                | 1-130-489-00 s | MYLAR 0.033uF 5% 50V          |
| C346                | 1-130-489-00 s | MYLAR 0.033uF 5% 50V          |
| C347                | 1-130-489-00 s | MYLAR 0.033uF 5% 50V          |
| C348                | 1-130-489-00 s | MYLAR 0.033uF 5% 50V          |
| C349                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C350                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C351                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C352                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C353                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C356                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C357                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C358                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C359                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C360                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C361                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C364                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C365                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C366                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C369                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-107-906-11 s | ELECT 10uF 20% 50V            |
| C373                | 1-107-906-11 s | ELECT 10uF 20% 50V            |
| C374                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C375                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C376                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C377                | 1-107-906-11 s | ELECT 10uF 20% 50V            |
| C378                | 1-107-906-11 s | ELECT 10uF 20% 50V            |
| C379                | 1-107-906-11 s | ELECT 10uF 20% 50V            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C380                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C381                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C382                | 1-128-526-11 s | ELECT 100uF 20% 16V           |
| C383                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C384                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C388                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C392                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C397                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C398                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C399                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C400                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C401                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C402                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C403                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C404                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C405                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C406                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C407                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C408                | 1-107-909-11 s | ELECT 47uF 20% 16V            |
| C409                | 1-128-526-11 s | ELECT 100uF 20% 16V           |
| C410                | 1-107-909-11 s | ELECT 47uF 20% 16V            |
| C411                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C412                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C413                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C414                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C415                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C416                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C417                | 1-128-526-11 s | ELECT 100uF 20% 16V           |
| C418                | 1-128-526-11 s | ELECT 100uF 20% 16V           |
| C419                | 1-128-526-11 s | ELECT 100uF 20% 16V           |
| C420                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C421                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C422                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C423                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C424                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C425                | 1-107-909-11 s | ELECT 47uF 20% 16V            |
| C426                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C427                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C437                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C438                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C439                | 1-104-760-11 s | CERAMIC, CHIP 0.047uF 10% 50V |
| C441                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C442                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C443                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C444                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C445                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| CN1                 | 1-506-484-11 s | CONNECTOR 5P, MALE            |
| CN2                 | 1-506-481-11 s | CONNECTOR 2P, MALE            |
| CN3                 | 1-506-485-11 s | CONNECTOR 6P, MALE            |
| CNI5.               | 1-526-660-21 o | SOCKET, IC 32P                |
| CNI6                | 1-526-660-21 o | SOCKET, IC 32P                |
| D1                  | 8-719-941-86 s | DIODE DAN202U                 |
| D2                  | 8-719-941-09 s | DIODE DAP202U                 |
| D3                  | 8-719-941-86 s | DIODE DAN202U                 |
| D4                  | 8-719-941-09 s | DIODE DAP202U                 |

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|---------------------|----------------|------------------------------|
| D5                  | 8-719-941-86 s | DIODE DAN202U                |
| D6                  | 8-719-941-09 s | DIODE DAP202U                |
| D7                  | 8-719-941-86 s | DIODE DAN202U                |
| D8                  | 8-719-941-09 s | DIODE DAP202U                |
| D13                 | 8-719-941-86 s | DIODE DAN202U                |
| D14                 | 8-719-941-09 s | DIODE DAP202U                |
| D15                 | 8-719-941-23 s | DIODE DA204U                 |
| D201                | 8-719-941-86 s | DIODE DAN202U                |
| D202                | 8-719-941-09 s | DIODE DAP202U                |
| D205                | 8-719-941-86 s | DIODE DAN202U                |
| D206                | 8-719-941-09 s | DIODE DAP202U                |
| D207                | 8-719-941-86 s | DIODE DAN202U                |
| D208                | 8-719-941-09 s | DIODE DAP202U                |
| D209                | 8-719-941-86 s | DIODE DAN202U                |
| D210                | 8-719-941-09 s | DIODE DAP202U                |
| D303                | 8-719-800-76 s | DIODE 1SS226                 |
| D304                | 8-719-800-76 s | DIODE 1SS226                 |
| D305                | 8-719-200-02 s | DIODE 10E-2                  |
| D306                | 8-719-200-02 s | DIODE 10E-2                  |
| D307                | 8-719-200-02 s | DIODE 10E-2                  |
| D308                | 8-719-200-02 s | DIODE 10E-2                  |
| D309                | 8-719-200-02 s | DIODE 10E-2                  |
| D310                | 8-719-200-02 s | DIODE 10E-2                  |
| D311                | 8-719-800-76 s | DIODE 1SS226                 |
| E1                  | 1-535-881-21 o | TERMINAL, TP                 |
| E2                  | 1-535-881-21 o | TERMINAL, TP                 |
| E3                  | 1-535-881-21 o | TERMINAL, TP                 |
| FB301               | 1-414-581-21 s | FILTER, NOISE, CHIP          |
| FL1                 | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP    |
| FL2                 | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP    |
| FL3                 | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP    |
| FL4                 | 1-233-314-11 s | FILTER, NOISE, CHIP          |
| FL5                 | 1-233-314-11 s | FILTER, NOISE, CHIP          |
| IC1                 | 8-759-348-69 s | IC HD6415108RF10             |
| IC2                 | 8-759-254-78 s | IC CY7C185-25VC              |
| IC3                 | 8-759-254-78 s | IC CY7C185-25VC              |
| IC4                 | 8-759-399-65 s | IC M48Z58Y-70MH1TR           |
| IC5                 | 8-759-539-81 o | IC M27C1001-10F1-80SV5-V1.33 |
| IC6                 | 8-759-539-82 o | IC M27C1001-10F1-80SV6-V1.33 |
| IC7                 | 8-759-185-69 s | IC TC74VHC27F(EL)            |
| IC8                 | 8-759-186-29 s | IC TC74VHC11F                |
| IC9                 | 8-759-186-47 s | IC TC74VHC138F(EL)           |
| IC10                | 8-759-186-47 s | IC TC74VHC138F(EL)           |
| IC11                | 8-759-186-32 s | IC TC74VHC21F                |
| IC12                | 8-759-081-42 s | IC TC74VHC00F                |
| IC13                | 8-759-186-38 s | IC TC74VHC32F(EL)            |
| IC14                | 8-759-925-76 s | IC SN74HC08NS                |
| IC15                | 8-759-081-44 s | IC TC74VHC04F                |
| IC16                | 8-759-369-92 s | IC M51958AFP600D             |
| IC17                | 8-759-009-05 s | IC MC14051BF                 |
| IC18                | 8-759-186-63 s | IC TC74VHC245F(EL)           |
| IC19                | 8-759-186-63 s | IC TC74VHC245F(EL)           |
| IC21                | 8-759-510-71 s | IC UPC358G2-E2               |
| IC23                | 8-759-186-63 s | IC TC74VHC245F(EL)           |
| IC101               | 8-752-343-05 s | IC CXD2202Q                  |
| IC102               | 8-759-700-07 s | IC NJM2903M                  |
| IC103               | 8-759-927-12 s | IC SN74HCT244ANS             |
| IC104               | 8-759-925-76 s | IC SN74HC08NS                |

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|---------------------|------------------|---------------------------|
| IC105               | 8-759-100-95 s   | IC UPC324G2               |
| IC106               | 8-759-175-56 s   | IC CXD8804Q               |
| IC107               | 8-759-053-58 s   | IC IDT6116SA25S0          |
| IC201               | 8-752-892-26 s   | IC CXP912P032Q-3-027      |
| IC202               | 8-759-186-77 s   | IC TC74VHC541F            |
| IC203               | 8-759-186-77 s   | IC TC74VHC541F            |
| IC204               | 8-759-186-77 s   | IC TC74VHC541F            |
| IC205               | 8-759-186-77 s   | IC TC74VHC541F            |
| IC206               | 8-759-927-12 s   | IC SN74HCT244ANS          |
| IC207               | 8-759-100-95 s   | IC UPC324G2               |
| IC208               | 8-759-600-34 s   | IC M54532P                |
| IC209               | 8-759-009-07 s   | IC MC14053BF              |
| IC210               | 8-759-368-51 s   | IC M54523FP               |
| IC302               | 8-759-106-02 s   | IC UPC4570G2              |
| IC303               | 8-759-700-07 s   | IC NJM2903M               |
| IC304               | 8-759-141-05 s   | IC UPC4574G2              |
| IC306               | 8-759-009-07 s   | IC MC14053BF              |
| IC308               | 8-759-106-02 s   | IC UPC4570G2              |
| IC309               | 8-759-239-23 s   | IC SN74HC86NS             |
| IC310               | 8-759-055-82 s   | IC M62353GP               |
| IC311               | 8-759-100-95 s   | IC UPC324G2               |
| IC312               | 8-759-141-05 s   | IC UPC4574G2              |
| IC313               | 8-759-141-05 s   | IC UPC4574G2              |
| IC314               | 8-759-141-05 s   | IC UPC4574G2              |
| IC315               | 8-759-700-07 s   | IC NJM2903M               |
| IC316               | 8-759-106-02 s   | IC UPC4570G2              |
| IC317               | 8-759-106-02 s   | IC UPC4570G2              |
| IC318               | 8-759-182-84 s   | IC PQ05SZ5U               |
| IC319               | 8-759-205-56 s   | IC TA7267P                |
| IC320               | 8-759-205-56 s   | IC TA7267P                |
| IC321               | 8-759-205-56 s   | IC TA7267P                |
| IC323               | 8-759-106-02 s   | IC UPC4570G2              |
| IC324               | 8-759-100-95 s   | IC UPC324G2               |
| L302                | 1-412-533-21 s   | INDUCTOR 47uH             |
| L303                | 1-412-533-21 s   | INDUCTOR 47uH             |
| L304                | 1-412-533-21 s   | INDUCTOR 47uH             |
| L305                | 1-412-533-21 s   | INDUCTOR 47uH             |
| PS302               | △ 1-532-679-00 s | LINK, IC 0.6A             |
| PS303               | △ 1-532-679-00 s | LINK, IC 0.6A             |
| PS304               | △ 1-532-679-00 s | LINK, IC 0.6A             |
| PS305               | △ 1-532-679-00 s | LINK, IC 0.6A             |
| PS306               | △ 1-532-675-21 s | LINK, IC 1.5A             |
| PS307               | △ 1-532-679-00 s | LINK, IC 0.6A             |
| PS308               | △ 1-532-675-21 s | LINK, IC 1.5A             |
| PS309               | △ 1-532-675-21 s | LINK, IC 1.5A             |
| PS310               | △ 1-532-675-21 s | LINK, IC 1.5A             |
| PS311               | △ 1-532-675-21 s | LINK, IC 1.5A             |
| Q1                  | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q2                  | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106 |
| Q3                  | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106 |
| Q201                | 8-729-120-28 s   | TRANSISTOR 2SC1623-L5L6   |
| Q202                | 8-729-120-28 s   | TRANSISTOR 2SC1623-L5L6   |
| Q203                | 8-729-120-28 s   | TRANSISTOR 2SC1623-L5L6   |
| Q204                | 8-729-216-22 s   | TRANSISTOR 2SA1162        |
| Q205                | 8-729-120-28 s   | TRANSISTOR 2SC1623-L5L6   |
| Q301                | 8-729-029-14 s   | TRANSISTOR DTC144EUA-T106 |
| Q302                | 8-729-265-52 s   | TRANSISTOR 2SC2655-Y      |
| Q303                | 8-729-021-83 s   | TRANSISTOR 2SA1020-Y      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q304                | 8-729-400-12 | s TRANSISTOR 2SB941-P         |
| Q305                | 8-729-209-06 | s TRANSISTOR 2SC4213A-TE85L   |
| Q306                | 8-729-209-06 | s TRANSISTOR 2SC4213A-TE85L   |
| Q307                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q308                | 8-729-021-83 | s TRANSISTOR 2SA1020-Y        |
| Q309                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q310                | 8-729-021-83 | s TRANSISTOR 2SA1020-Y        |
| Q311                | 8-729-112-61 | s TRANSISTOR 2SA1441          |
| Q312                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q313                | 8-729-102-14 | s TRANSISTOR 2SD1021-F        |
| Q314                | 8-729-205-02 | s TRANSISTOR 2SA1150-Y        |
| Q315                | 8-729-112-61 | s TRANSISTOR 2SA1441          |
| Q316                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q317                | 8-729-102-14 | s TRANSISTOR 2SD1021-F        |
| Q318                | 8-729-205-02 | s TRANSISTOR 2SA1150-Y        |
| Q319                | 8-729-112-61 | s TRANSISTOR 2SA1441          |
| Q320                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q321                | 8-729-112-61 | s TRANSISTOR 2SA1441          |
| Q322                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q323                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q324                | 8-729-141-83 | s TRANSISTOR 2SB1094-LK       |
| Q325                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q326                | 8-729-400-12 | s TRANSISTOR 2SB941-P         |
| Q327                | 8-729-021-83 | s TRANSISTOR 2SA1020-Y        |
| Q328                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| Q329                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106   |
| R1                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R3                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R5                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R6                  | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R7                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R8                  | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R9                  | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R10                 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R11                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R12                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R13                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R17                 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R18                 | 1-216-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R19                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R20                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R21                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R29                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R32                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R33                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R37                 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R38                 | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W  |
| R39                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R40                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R46                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R48                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R49                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |     |
|---------------------|--------------|------------------------------|-----|
| R50                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R51                 | 1-216-295-91 | s RES, CHIP 0                |     |
| R52                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R54                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R55                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R56                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R57                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R58                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R59                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R60                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R61                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R62                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R63                 | 1-216-295-91 | s RES, CHIP 0                |     |
| R64                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R65                 | 1-216-295-91 | s RES, CHIP 0                |     |
| R68                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R69                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R70                 | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W | *1) |
|                     | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W | *2) |
| R71                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |     |
| R72                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R73                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R75                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R76                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R77                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R78                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R79                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R80                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R81                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R82                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R83                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R84                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R85                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R86                 | 1-216-295-91 | s RES, CHIP 0                |     |
| R87                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R88                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R89                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R90                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R91                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R92                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R93                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R94                 | 1-216-295-91 | s RES, CHIP 0                |     |
| R95                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R101                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |     |
| R102                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |     |
| R103                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R104                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R105                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R106                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R107                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R108                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R109                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R110                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |     |
| R111                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R112                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R113                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R116                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R117                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R118                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R124                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R125                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R126                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R127                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R130                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R135                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R136                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R137                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R138                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R139                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R140                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R141                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R142                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R143                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R144                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R145                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R146                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R147                | 1-216-295-91 | s RES, CHIP 0               |
| R148                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R149                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W  |
| R150                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R151                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R152                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R153                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R154                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R155                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R156                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R157                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R158                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R159                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R160                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R161                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R162                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R163                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R164                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R165                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R166                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R167                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R168                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R171                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R172                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R176                | 1-216-295-91 | s RES, CHIP 0               |
| R177                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R179                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R182                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R183                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R205                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R206                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R207                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R208                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R209                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R213                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R215                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R216                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R221                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R222                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R223                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R224                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R225                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R229                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R235                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R238                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R239                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R240                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R241                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R243                | 1-216-295-91 | s RES, CHIP 0               |
| R244                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R245                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R246                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R247                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R248                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R249                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R250                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R253                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R256                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R257                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R258                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R260                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R261                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R262                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R263                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R264                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R266                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R267                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R268                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R271                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R272                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R273                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R274                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R275                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R276                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R277                | 1-216-295-91 | s RES, CHIP 0               |
| R278                | 1-216-295-91 | s RES, CHIP 0               |
| R279                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R280                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R281                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R282                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W  |
| R283                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |
| R284                | 1-216-295-91 | s RES, CHIP 0               |
| R285                | 1-216-295-91 | s RES, CHIP 0               |
| R286                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R287                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R288                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R289                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R290                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R291                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R292                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R296                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R297                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R315                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R318                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R320                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R322                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R325                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R327                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R329                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R330                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R331                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R332                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R333                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R335                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R336                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R337                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R338                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R339                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R340                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R341                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R342                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R343                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R344                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R345                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R346                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R347                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R348                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R349                | 1-215-863-11 | s METAL 100 5% 1W           |
| R350                | 1-215-863-11 | s METAL 100 5% 1W           |
| R351                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W  |
| R352                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R353                | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W |
| R354                | 1-216-383-11 | s METAL 0.33 5% 3W          |
| R355                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R356                | 1-216-365-00 | s METAL 0.47 5% 2W          |
| R357                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R358                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R359                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R360                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R361                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R362                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |

(SV-184 BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |     |
|---------------------|--------------|------------------------------|-----|
| R363                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R364                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |     |
| R365                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |     |
| R366                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |     |
| R367                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |     |
| R368                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R369                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R370                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |     |
| R371                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |     |
| R372                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R373                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R374                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R375                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R376                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R377                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |     |
| R378                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R379                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R380                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R382                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |     |
| R383                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |     |
| R384                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |     |
| R385                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R388                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R389                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R390                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R391                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R392                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R393                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R394                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R395                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R396                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R397                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R398                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R399                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R400                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R401                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R402                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R403                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R404                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R405                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R409                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R410                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R411                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *2) |
| R412                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R413                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R414                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *2) |
| R416                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *1) |



(SV-184 BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |     |
|---------------------|--------------|-------------------------------|-----|
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R418                | 1-216-365-00 | s METAL 0.47 5% 2W            |     |
| R419                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R420                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R422                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R423                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R424                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R425                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R426                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R427                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R428                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |     |
| R429                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R430                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R431                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |     |
| R432                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R433                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R434                | 1-216-365-00 | s METAL 0.47 5% 2W            |     |
| R435                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R436                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R437                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R438                | 1-216-365-00 | s METAL 0.47 5% 2W            |     |
| R439                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    | *1) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  | *2) |
| R440                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |     |
| R441                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |     |
| R442                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |     |
| R443                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |     |
| R444                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |     |
| R445                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |     |

(SV-184 BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |     |
|---------------------|--------------|-------------------------------|-----|
| R446                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |     |
| R447                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |     |
| R448                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |     |
| R449                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |     |
| R450                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |     |
| R451                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R452                | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |     |
| R453                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R454                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R455                | 1-215-866-11 | s METAL 330 5% 1W             |     |
| R456                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |     |
| R457                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |     |
| R458                | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |     |
| R459                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   | *3) |
|                     | 1-247-839-11 | s CARBON 2.2k 5% 1/4W         | *4) |
| R460                | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |     |
| R461                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R462                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R463                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R464                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R465                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R466                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R467                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R468                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |     |
| R469                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W   |     |
| R470                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |     |
| R471                | 1-215-863-11 | s METAL 100 5% 1W             |     |
| R472                | 1-215-867-00 | s METAL 470 5% 1W             |     |
| R473                | 1-215-868-00 | s METAL 680 5% 1W             |     |
| R474                | 1-216-383-11 | s METAL 0.33 5% 3W            |     |
| R475                | 1-216-383-11 | s METAL 0.33 5% 3W            |     |
| R476                | 1-216-383-11 | s METAL 0.33 5% 3W            |     |
| R477                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |     |
| R478                | 1-216-385-11 | s METAL 0.47 5% 3W            |     |
| R479                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R480                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R481                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R482                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |     |
| R483                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   | *3) |
|                     | 1-247-839-11 | s CARBON 2.2k 5% 1/4W         | *4) |
| R500                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R501                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R502                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |     |
| R503                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |     |
| R504                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R505                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R506                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R507                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |
| R508                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   | *1) |
|                     | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W | *2) |
| R509                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  | *2) |

(SV-184 BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |     |
|---------------------|--------------|---------------------------------|-----|
| R510                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| R511                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     | *1) |
|                     | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W   | *2) |
| R512                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| R513                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| R514                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     | *1) |
|                     | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W   | *2) |
| R515                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| R516                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| R517                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     | *1) |
|                     | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W   | *2) |
| R518                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      | *1) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W    | *2) |
| RB1                 | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB2                 | 1-236-904-11 | s RESISTOR BLOCK, CHIP 1k x 4   |     |
| RB102               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB103               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB104               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB201               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4  |     |
| RB262               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100k x 8 |     |
| S101                | 1-692-536-11 | s SWITCH, DIP, CHIP 8-CKT       |     |
| S201                | 1-692-535-11 | s SWITCH, DIP, CHIP 4-CKT       |     |
| TP1                 | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP6                 | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP7                 | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP101               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP102               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP103               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP104               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP105               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP106               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP107               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP108               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP201               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP202               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP203               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP204               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP205               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP206               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP207               | 1-535-881-21 | o TERMINAL, TP                  |     |
| TP208               | 1-535-881-21 | o TERMINAL, TP                  |     |

(SV-184 BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| TP301               | 1-535-881-21 | o TERMINAL, TP               |
| TP303               | 1-535-881-21 | o TERMINAL, TP               |
| TP305               | 1-535-881-21 | o TERMINAL, TP               |
| X1                  | 1-579-996-21 | s RESONATOR, CERAMIC 20.0MHz |
| X101                | 1-579-996-21 | s RESONATOR, CERAMIC 20.0MHz |
| X201                | 1-579-996-21 | s RESONATOR, CERAMIC 20.0MHz |

SV-184 BOARD; Suffix -11 to 13

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -11 through -13.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10120 (For DSR-60 J)  
Serial number; 10001 through 10180 (For DSR-60 UC)  
Serial number; 10001 through 10250 (For DSR-60P CE)
- \*2) Serial number; 10121 and higher (For DSR-60 J)  
Serial number; 10181 and higher (For DSR-60 UC)  
Serial number; 10251 and higher (For DSR-60P CE)
- \*3) Serial number; 10001 through 10420 (For DSR-60 J)  
Serial number; 10001 through 10280 (For DSR-60 UC)  
Serial number; 10001 through 10350 (For DSR-60P CE)
- \*4) Serial number; 10421 and higher (For DSR-60 J)  
Serial number; 10281 and higher (For DSR-60 UC)  
Serial number; 10351 and higher (For DSR-60P CE)

1pc A-8312-944-A o MOUNTED CIRCUIT BOARD, SV-184  
1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
13pcs 7-621-759-65 s +PSW, 2.6x8

1pc 1-528-749-11 s BATTERY, LITHIUM

C1 1-126-967-11 s ELECT 47uF 20% 50V \*1)  
1-107-909-11 s ELECT 47uF 20% 16V \*2)

C4 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C5 1-135-076-21 s TANTALUM, CHIP 1uF 10% 35V  
C6 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C9 1-135-076-21 s TANTALUM, CHIP 1uF 10% 35V  
C12 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C13 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C14 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C15 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C17 1-163-091-00 s CERAMIC, CHIP 8pF 50V

C18 1-163-091-00 s CERAMIC, CHIP 8pF 50V  
C19 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C20 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C21 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C23 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C25 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C27 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C28 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C29 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C30 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C31 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C33 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C35 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C37 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C39 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

(SV-184 BOARD; Suffix -11 to 13)

Ref. No.  
or Q'ty Part No. SP Description

C41 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C42 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C102 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C103 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V

C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C106 1-164-695-11 s CERAMIC, CHIP 0.0022uF 5% 50V  
C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C108 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C109 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C110 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C111 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C112 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C114 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C115 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C116 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C119 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C120 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C201 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C202 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C205 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C206 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C207 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C208 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C209 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C210 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C211 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C212 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
C213 1-163-224-11 s CERAMIC, CHIP 7pF 50V

C214 1-163-224-11 s CERAMIC, CHIP 7pF 50V  
C215 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C216 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C217 1-126-967-11 s ELECT 47uF 20% 50V \*1)

1-107-909-11 s ELECT 47uF 20% 16V \*2)

C218 1-126-967-11 s ELECT 47uF 20% 50V \*1)  
1-107-909-11 s ELECT 47uF 20% 16V \*2)

C219 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C220 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C221 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C222 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C223 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C224 1-164-695-11 s CERAMIC, CHIP 0.0022uF 5% 50V \*1)  
C225 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C226 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C227 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C228 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C229 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C230 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C231 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C232 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C233 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C234 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C235 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C236 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V \*2)  
C307 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C313 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

(SV-184 BOARD; Suffix -11 to 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C314                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C315                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C316                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C317                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C318                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C319                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C320                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C321                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C322                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C323                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C324                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C325                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C328                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C329                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C330                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C331                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C332                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C333                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C334                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C335                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C338                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C339                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C340                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C341                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C342                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C343                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C344                | 1-128-551-11 | s ELECT 22uF 20% 50V *1)        |
|                     | 1-107-907-11 | s ELECT 22uF 20% 25V *2)        |
| C345                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C346                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C347                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C348                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C349                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C350                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C351                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C352                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C353                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

(SV-184 BOARD; Suffix -11 to 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C355                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C356                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C357                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C358                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C359                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C360                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C361                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C362                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C364                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C365                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C366                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C367                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C369                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C370                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-126-964-11 | s ELECT 10uF 20% 50V *1)        |
|                     | 1-107-906-11 | s ELECT 10uF 20% 50V *2)        |
| C373                | 1-126-964-11 | s ELECT 10uF 20% 50V *1)        |
|                     | 1-107-906-11 | s ELECT 10uF 20% 50V *2)        |
| C374                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C375                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C376                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C377                | 1-126-964-11 | s ELECT 10uF 20% 50V *1)        |
|                     | 1-107-906-11 | s ELECT 10uF 20% 50V *2)        |
| C378                | 1-126-964-11 | s ELECT 10uF 20% 50V *1)        |
|                     | 1-107-906-11 | s ELECT 10uF 20% 50V *2)        |
| C379                | 1-126-964-11 | s ELECT 10uF 20% 50V *1)        |
|                     | 1-107-906-11 | s ELECT 10uF 20% 50V *2)        |
| C380                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C381                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C382                | 1-126-933-11 | s ELECT 100uF 20% 16V *1)       |
| C383                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C384                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C388                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C392                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C397                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C398                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C399                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C400                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C401                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C402                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C403                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C404                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C405                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C406                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C407                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C408                | 1-126-947-11 | s ELECT 47uF 20% 35V *1)        |

(SV-184 BOARD; Suffix -11 to 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |     |
|---------------------|--------------|---------------------------------|-----|
|                     | 1-107-909-11 | s ELECT 47uF 20% 16V            | *2) |
| C409                | 1-126-933-11 | s ELECT 100uF 20% 16V           | *1) |
|                     | 1-128-526-11 | s ELECT 100uF 20% 16V           | *2) |
| C410                | 1-126-947-11 | s ELECT 47uF 20% 35V            | *1) |
|                     | 1-107-909-11 | s ELECT 47uF 20% 16V            | *2) |
| C411                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C412                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C413                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C414                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C415                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C416                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C417                | 1-126-933-11 | s ELECT 100uF 20% 16V           | *1) |
|                     | 1-128-526-11 | s ELECT 100uF 20% 16V           | *2) |
| C418                | 1-126-933-11 | s ELECT 100uF 20% 16V           | *1) |
|                     | 1-128-526-11 | s ELECT 100uF 20% 16V           | *2) |
| C419                | 1-126-933-11 | s ELECT 100uF 20% 16V           | *1) |
|                     | 1-128-526-11 | s ELECT 100uF 20% 16V           | *2) |
| C420                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C421                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C422                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C423                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C424                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |     |
| C425                | 1-126-947-11 | s ELECT 47uF 20% 35V            | *1) |
|                     | 1-107-909-11 | s ELECT 47uF 20% 16V            | *2) |
| C426                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |     |
| C427                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |     |
| C437                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |     |
| C438                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |     |
| C439                | 1-104-760-11 | s CERAMIC, CHIP 0.047uF 10% 50V | *2) |
| C441                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       | *4) |
| C442                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       | *4) |
| C443                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       | *4) |
| C444                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       | *4) |
| C445                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       | *4) |
| CN1                 | 1-506-484-11 | s CONNECTOR 5P, MALE            |     |
| CN2                 | 1-506-481-11 | s CONNECTOR 2P, MALE            |     |
| CN3                 | 1-506-485-11 | s CONNECTOR 6P, MALE            |     |
| CNI5                | 1-526-660-21 | o SOCKET, IC 32P                |     |
| CNI6                | 1-526-660-21 | o SOCKET, IC 32P                |     |
| D1                  | 8-719-941-86 | s DIODE DAN202U                 |     |
| D2                  | 8-719-941-09 | s DIODE DAP202U                 |     |
| D3                  | 8-719-941-86 | s DIODE DAN202U                 |     |
| D4                  | 8-719-941-09 | s DIODE DAP202U                 |     |
| D5                  | 8-719-941-86 | s DIODE DAN202U                 |     |
| D6                  | 8-719-941-09 | s DIODE DAP202U                 |     |
| D7                  | 8-719-941-86 | s DIODE DAN202U                 |     |
| D8                  | 8-719-941-09 | s DIODE DAP202U                 |     |
| D13                 | 8-719-941-86 | s DIODE DAN202U                 |     |
| D14                 | 8-719-941-09 | s DIODE DAP202U                 |     |

(SV-184 BOARD; Suffix -11 to 13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |     |
|---------------------|--------------|--------------------------------|-----|
| D15                 | 8-719-941-23 | s DIODE DA204U                 |     |
| D201                | 8-719-941-86 | s DIODE DAN202U                |     |
| D202                | 8-719-941-09 | s DIODE DAP202U                |     |
| D205                | 8-719-941-86 | s DIODE DAN202U                |     |
| D206                | 8-719-941-09 | s DIODE DAP202U                |     |
| D207                | 8-719-941-86 | s DIODE DAN202U                |     |
| D208                | 8-719-941-09 | s DIODE DAP202U                |     |
| D209                | 8-719-941-86 | s DIODE DAN202U                |     |
| D210                | 8-719-941-09 | s DIODE DAP202U                |     |
| D211                | 8-719-941-86 | s DIODE DAN202U                |     |
| D212                | 8-719-941-09 | s DIODE DAP202U                |     |
| D303                | 8-719-800-76 | s DIODE 1SS226                 |     |
| D304                | 8-719-800-76 | s DIODE 1SS226                 |     |
| D305                | 8-719-200-02 | s DIODE 10E2                   |     |
| D306                | 8-719-200-02 | s DIODE 10E2                   |     |
| D307                | 8-719-200-02 | s DIODE 10E2                   |     |
| D308                | 8-719-200-02 | s DIODE 10E2                   |     |
| D309                | 8-719-200-02 | s DIODE 10E2                   |     |
| D310                | 8-719-200-02 | s DIODE 10E2                   |     |
| D311                | 8-719-800-76 | s DIODE 1SS226                 |     |
| FB301               | 1-414-581-21 | s FILTER, NOISE, CHIP          | *2) |
| FL1                 | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |     |
| FL2                 | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |     |
| FL3                 | 1-233-674-11 | s FILTER BLOCK, NOISE, CHIP    |     |
| FL4                 | 1-233-314-11 | s FILTER, NOISE, CHIP          | *4) |
| FL5                 | 1-233-314-11 | s FILTER, NOISE, CHIP          | *4) |
| IC1                 | 8-759-348-69 | s IC HD6415108RF10             |     |
| IC2                 | 8-759-254-78 | s IC CY7C185-25VC              |     |
| IC3                 | 8-759-254-78 | s IC CY7C185-25VC              |     |
| IC4                 | 8-759-399-65 | s IC M48Z58Y-70MH1TR           |     |
| IC5                 | 8-759-539-81 | o IC M27C1001-10F1-80SV5-V1.33 |     |
| IC6                 | 8-759-539-82 | o IC M27C1001-10F1-80SV6-V1.33 |     |
| IC7                 | 8-759-185-69 | s IC TC74VHC27F(EL)            |     |
| IC8                 | 8-759-186-29 | s IC TC74VHC11F                |     |
| IC9                 | 8-759-186-47 | s IC TC74VHC138F(EL)           |     |
| IC10                | 8-759-186-47 | s IC TC74VHC138F(EL)           |     |
| IC11                | 8-759-186-32 | s IC TC74VHC21F                |     |
| IC12                | 8-759-081-42 | s IC TC74VHC00F                |     |
| IC13                | 8-759-186-38 | s IC TC74VHC32F(EL)            |     |
| IC14                | 8-759-925-76 | s IC SN74HC08ANS               |     |
| IC15                | 8-759-081-44 | s IC TC74VHC04F                |     |
| IC16                | 8-759-369-92 | s IC M51958AFP600D             |     |
| IC17                | 8-759-009-05 | s IC MC14051BF                 |     |
| IC18                | 8-759-186-63 | s IC TC74VHC245F(EL)           |     |
| IC19                | 8-759-186-63 | s IC TC74VHC245F(EL)           |     |
| IC21                | 8-759-510-71 | s IC UPC358G2-E2               |     |
| IC23                | 8-759-186-63 | s IC TC74VHC245F(EL)           |     |
| IC101               | 8-752-343-05 | s IC CXD2202Q                  |     |
| IC102               | 8-759-700-07 | s IC NJM2903M                  |     |
| IC103               | 8-759-927-12 | s IC SN74HCT244ANS             |     |
| IC104               | 8-759-925-76 | s IC SN74HC08ANS               |     |
| IC105               | 8-759-100-95 | s IC UPC324G2                  |     |
| IC106               | 8-759-175-56 | s IC CXD8804Q                  |     |
| IC107               | 8-759-053-58 | s IC IDT6116SA25SO             |     |
| IC202               | 8-759-186-77 | s IC TC74VHC541F               |     |
| IC203               | 8-759-186-77 | s IC TC74VHC541F               |     |
| IC204               | 8-759-186-77 | s IC TC74VHC541F               |     |
| IC205               | 8-759-186-77 | s IC TC74VHC541F               |     |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| IC206               | 8-759-927-12   | s IC SN74HCT244ANS          |
| IC207               | 8-759-100-95   | s IC UPC324G2               |
| IC208               | 8-759-600-34   | s IC M54532P                |
| IC209               | 8-759-300-71   | s IC HD14053BFP             |
| IC210               | 8-759-368-51   | s IC M54523FP               |
| IC302               | 8-759-106-02   | s IC UPC4570G2              |
| IC303               | 8-759-700-07   | s IC NJM2903M               |
| IC304               | 8-759-100-95   | s IC UPC324G2               |
|                     | 8-759-141-05   | s IC UPC4574G2              |
| IC306               | 8-759-300-71   | s IC HD14053BFP             |
| IC308               | 8-759-106-02   | s IC UPC4570G2              |
| IC309               | 8-759-239-23   | s IC TC74HC86AF             |
| IC310               | 8-759-055-82   | s IC M62353GP               |
| IC311               | 8-759-100-95   | s IC UPC324G2               |
| IC312               | 8-759-141-05   | s IC UPC4574G2              |
| IC313               | 8-759-141-05   | s IC UPC4574G2              |
| IC314               | 8-759-141-05   | s IC UPC4574G2              |
| IC315               | 8-759-700-07   | s IC NJM2903M               |
| IC316               | 8-759-106-02   | s IC UPC4570G2              |
| IC317               | 8-759-106-02   | s IC UPC4570G2              |
| IC318               | 8-759-182-84   | s IC PQ05SZ5U               |
| IC319               | 8-759-205-56   | s IC TA7267P                |
| IC320               | 8-759-205-56   | s IC TA7267P                |
| IC321               | 8-759-205-56   | s IC TA7267P                |
| IC323               | 8-759-106-02   | s IC UPC4570G2              |
| IC324               | 8-759-100-95   | s IC UPC324G2               |
| L302                | 1-412-533-21   | s INDUCTOR 47uH             |
| L303                | 1-412-533-21   | s INDUCTOR 47uH             |
| L304                | 1-412-533-21   | s INDUCTOR 47uH             |
| L305                | 1-412-533-21   | s INDUCTOR 47uH             |
| PS302               | Δ 1-532-679-00 | s LINK, IC 0.6A             |
| PS303               | Δ 1-532-679-00 | s LINK, IC 0.6A             |
| PS304               | Δ 1-532-679-00 | s LINK, IC 0.6A             |
| PS305               | Δ 1-532-679-00 | s LINK, IC 0.6A             |
| PS306               | Δ 1-532-675-21 | s LINK, IC 1.5A             |
| PS307               | Δ 1-532-679-00 | s LINK, IC 0.6A             |
| PS308               | Δ 1-532-675-21 | s LINK, IC 1.5A             |
| PS309               | Δ 1-532-675-21 | s LINK, IC 1.5A             |
| PS310               | Δ 1-532-675-21 | s LINK, IC 1.5A             |
| PS311               | Δ 1-532-675-21 | s LINK, IC 1.5A             |
| Q1                  | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q2                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |
| Q3                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |
| Q201                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6   |
| Q202                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6   |
| Q203                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6   |
| Q204                | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q205                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6   |
| Q301                | 8-729-905-18   | s TRANSISTOR DTC144EU       |
| Q302                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y      |
| Q303                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y      |
| Q304                | 8-729-400-12   | s TRANSISTOR 2SB941-P       |
| Q305                | 8-729-209-06   | s TRANSISTOR 2SC4213A-TE85L |
| Q306                | 8-729-209-06   | s TRANSISTOR 2SC4213A-TE85L |
| Q307                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y      |
| Q308                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y      |
| Q309                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q310                | 8-729-021-83 | s TRANSISTOR 2SA1020-Y        |
| Q311                | 8-729-112-61 | s TRANSISTOR 2SA1441-L        |
| Q312                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q313                | 8-729-102-14 | s TRANSISTOR 2SD1021-F        |
| Q314                | 8-729-205-02 | s TRANSISTOR 2SA1150-Y        |
| Q315                | 8-729-112-61 | s TRANSISTOR 2SA1441-L        |
| Q316                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q317                | 8-729-102-14 | s TRANSISTOR 2SD1021-F        |
| Q318                | 8-729-205-02 | s TRANSISTOR 2SA1150-Y        |
| Q319                | 8-729-112-61 | s TRANSISTOR 2SA1441-L        |
| Q320                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q321                | 8-729-112-61 | s TRANSISTOR 2SA1441-L        |
| Q322                | 8-729-141-18 | s TRANSISTOR 2SC3692          |
| Q323                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q324                | 8-729-141-83 | s TRANSISTOR 2SA473-Y         |
| Q325                | 8-729-265-52 | s TRANSISTOR 2SC2655-Y        |
| Q326                | 8-729-400-12 | s TRANSISTOR 2SB941-P         |
| Q327                | 8-729-021-83 | s TRANSISTOR 2SA1020-Y        |
| Q328                | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| Q329                | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| R1                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R3                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R5                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R6                  | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R7                  | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R8                  | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R9                  | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R10                 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R11                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R12                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R13                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R17                 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R18                 | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R19                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R20                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R21                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R29                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R32                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R33                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R37                 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R38                 | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W  |
| R39                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R40                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R42                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R43                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R44                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R45                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R46                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R48                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R49                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R50                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R51                 | 1-216-295-91 | s RES, CHIP 0                 |
| R52                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| R54                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R55                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R56                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R57                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R58                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R59                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R60                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R61                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R62                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R63                 | 1-216-295-91 s | RES, CHIP 0                |
| R64                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R65                 | 1-216-295-91 s | RES, CHIP 0                |
| R66                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R68                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R69                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R70                 | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W |
| R71                 | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| R72                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R73                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R75                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R76                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R77                 | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R78                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R79                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R80                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R81                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R82                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R83                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R84                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R85                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R86                 | 1-216-295-91 s | RES, CHIP 0                |
| R87                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R88                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R89                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R90                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R91                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R92                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R93                 | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R94                 | 1-216-295-91 s | RES, CHIP 0                |
| R95                 | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R101                | 1-216-295-91 s | RES, CHIP 0                |
| R102                | 1-216-295-91 s | RES, CHIP 0                |
| R103                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R104                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R105                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R106                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R107                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R108                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R109                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R110                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| R111                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R112                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R113                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R114                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R115                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R116                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R117                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R118                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R119                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |

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\*3)

\*2)

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| R120                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R121                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R122                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R123                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R124                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R125                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R126                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R127                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R128                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R129                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R130                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R135                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R136                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R137                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R138                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R139                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R140                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R141                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R142                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R143                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R144                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R145                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R146                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R147                | 1-216-295-91 s | RES, CHIP 0               |
| R148                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R149                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W  |
| R150                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R151                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R152                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R153                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R154                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R155                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R156                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R157                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R158                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R159                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W  |
| R160                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W  |
| R161                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R162                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W |
| R163                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R164                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W  |
| R165                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R166                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W  |
| R167                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R168                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R169                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R170                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R171                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R172                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R176                | 1-216-295-91 s | RES, CHIP 0               |
| R177                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W  |
| R178                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W  |
| R179                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R180                | 1-216-022-00 s | METAL, CHIP 75 5% 1/10W   |
| R181                | 1-216-022-00 s | METAL, CHIP 75 5% 1/10W   |
| R182                | 1-216-295-91 s | RES, CHIP 0               |
| R183                | 1-216-295-91 s | RES, CHIP 0               |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R205                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R206                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R207                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R208                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R209                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R213                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R215                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R216                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R218                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R219                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R220                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R221                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R222                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R223                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R224                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R225                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R226                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R227                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R228                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R229                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R235                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R238                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
|                     | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R239                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R240                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R241                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R242                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R243                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
|                     | 1-216-295-91 | s RES, CHIP 0               |
| R244                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
|                     | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R245                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R246                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R247                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R248                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R249                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R250                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R253                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R256                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R257                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R258                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R260                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R261                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R262                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R263                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R264                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R266                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R267                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R268                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R270                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R271                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R272                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R273                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R274                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R275                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R276                | 1-216-295-91 | s RES, CHIP 0               |
|                     | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R277                | 1-216-295-91 | s RES, CHIP 0               |
| R278                | 1-216-295-91 | s RES, CHIP 0               |
| R279                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R280                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R281                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |
| R282                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W  |
| R283                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |
| R284                | 1-216-295-91 | s RES, CHIP 0               |
| R285                | 1-216-295-91 | s RES, CHIP 0               |
| R286                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R287                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R288                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R289                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R290                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R291                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R292                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R296                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R297                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R315                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R318                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R320                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R322                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R325                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W  |
|                     | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R327                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R329                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R330                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R331                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R332                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R333                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R334                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R335                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R336                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R337                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R338                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R339                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R340                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R341                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R342                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R343                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R344                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R345                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R346                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R347                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W  |
| R348                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R349                | 1-215-863-11 | s METAL 100 5% 1W            |
| R350                | 1-215-863-11 | s METAL 100 5% 1W            |
| R351                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W   |
| R352                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R353                | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W  |
| R354                | 1-216-383-11 | s METAL 0.33 5% 3W           |
| R355                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R356                | 1-216-365-00 | s METAL 0.47 5% 2W           |
| R357                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R358                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R359                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R360                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R361                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R362                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R363                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R364                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R365                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R366                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |
| R367                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |
| R368                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R369                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R370                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R371                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R372                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R373                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R374                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R375                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R376                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R377                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R378                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R379                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R380                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R382                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |
| R383                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |
| R384                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |
| R385                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R388                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R389                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R390                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R391                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R392                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R393                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R394                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R395                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R396                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R397                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R398                | 1-215-863-11 | s METAL 100 5% 1W             |
| R399                | 1-215-863-11 | s METAL 100 5% 1W             |
| R400                | 1-215-889-00 | s METAL 330 5% 2W             |
| R401                | 1-215-889-00 | s METAL 330 5% 2W             |
| R402                | 1-215-889-00 | s METAL 330 5% 2W             |
| R403                | 1-215-889-00 | s METAL 330 5% 2W             |
| R404                | 1-215-863-11 | s METAL 100 5% 1W             |
| R405                | 1-215-863-11 | s METAL 100 5% 1W             |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R410                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R411                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R412                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R413                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R414                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R418                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R419                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R420                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R422                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R423                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R424                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R425                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R426                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R427                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R428                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R429                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R430                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R431                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R432                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R433                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R434                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R435                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R436                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R437                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R438                | 1-216-365-00 | s METAL 0.47 5% 2W            |
| R439                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R440                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R441                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R442                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R443                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R444                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R445                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R446                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R447                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R448                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R449                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R450                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R451                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R452                | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R453                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R454                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R455                | 1-215-866-11 | s METAL 330 5% 1W             |
| R456                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R457                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R458                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W  |
| R460                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W  |
| R461                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R462                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R463                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R464                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R465                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R466                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R467                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R468                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R469                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W    |
| R470                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R471                | 1-215-863-11 s | METAL 100 5% 1W              |
| R472                | 1-215-867-00 s | METAL 470 5% 1W              |
| R473                | 1-215-868-00 s | METAL 680 5% 1W              |
| R474                | 1-216-383-11 s | METAL 0.33 5% 3W             |
| R475                | 1-216-383-11 s | METAL 0.33 5% 3W             |
| R476                | 1-216-383-11 s | METAL 0.33 5% 3W             |
| R477                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W    |
| R478                | 1-216-385-11 s | METAL 0.47 5% 3W             |
| R479                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R480                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R481                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R482                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R500                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W    |
| R501                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W    |
| R502                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W    |
| R503                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R504                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R505                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W    |
| R506                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W    |
| R507                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R508                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R509                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R510                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R511                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R512                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R513                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R514                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R515                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R516                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R517                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R518                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| RB1                 | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB102               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB103               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB201               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| S101                | 1-692-536-11 s | SWITCH, DIP, CHIP 8-CKT      |
| S201                | 1-692-535-11 s | SWITCH, DIP, CHIP 4-CKT      |
| X1                  | 1-579-996-21 s | RESONATOR, CERAMIC 20.00MHz  |
| X101                | 1-579-996-21 s | RESONATOR, CERAMIC 20.00MHz  |
| X201                | 1-579-996-21 s | RESONATOR, CERAMIC 20.00MHz  |

SY-241B BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10120 (For DSR-60 J)  
Serial number; 10001 through 10180 (For DSR-60 UC)  
Serial number; 10001 through 10250 (For DSR-60P CE)
- \*2) Serial number; 10121 and higher (For DSR-60 J)  
Serial number; 10181 and higher (For DSR-60 UC)  
Serial number; 10251 and higher (For DSR-60P CE)
- \*3) Serial number; 10001 through 10420 (For DSR-60 J)  
Serial number; 10001 through 10280 (For DSR-60 UC)  
Serial number; 10001 through 10350 (For DSR-60P CE)
- \*4) Serial number; 10421 and higher (For DSR-60 J)  
Serial number; 10281 and higher (For DSR-60 UC)  
Serial number; 10351 and higher (For DSR-60P CE)
- \*5) Serial number; 10001 through 10620 (For DSR-60 J)  
Serial number; 10001 through 10540 (For DSR-60 UC)  
Serial number; 10001 through 10800 (For DSR-60P CE)
- \*6) Serial number; 10621 and higher (For DSR-60 J)  
Serial number; 10541 and higher (For DSR-60 UC)  
Serial number; 10801 and higher (For DSR-60P CE)

|      |                |                                  |
|------|----------------|----------------------------------|
| 1pc  | A-8312-953-A s | MOUNTED CIRCUIT BOARD, SY-241B   |
| 1pc  | 7-621-759-45 s | +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 s | LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 s | LEVER (L), PRINTED CIRCUIT BOARD |
| C101 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C102 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-126-947-11 s | ELECT 47uF 20% 35V               |
| C105 | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C106 | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C107 | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C108 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C110 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C111 | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C112 | 1-107-689-21 s | TANTALUM, CHIP 1uF 20% 35V       |
| C113 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C114 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C115 | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V       |
| C116 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C117 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C119 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C120 | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V        |
| C121 | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V        |
| C122 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C123 | 1-104-664-11 s | ELECT 47uF 20% 25V               |
| C124 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C125 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C126 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C127 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C128 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C201 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C202 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C203 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C204 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C205 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C206 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C207 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C208 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |



(SY-241B BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                 |     |
|---------------------|----------------|--------------------------------|-----|
| C209                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C210                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C213                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C214                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C301                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V     |     |
| C302                | 1-104-664-11 s | ELECT 47uF 20% 25V             |     |
| C303                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C304                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C305                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C306                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C307                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V      |     |
| C308                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V      |     |
| C309                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C310                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C311                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C312                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C313                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C314                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C315                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C316                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C317                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C318                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C319                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C320                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C321                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C322                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C323                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V     | *2) |
| C406                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C407                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C411                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C413                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C416                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |     |
| C417                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V     | *2) |
| C418                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V     | *2) |
| CN1                 | 1-778-889-11 o | CONNECTOR, BB 34P, FEMALE      |     |
| CN2                 | 1-506-486-11 o | CONNECTOR 7P, MALE             | *3) |
|                     | 1-565-879-11 s | CONNECTOR 7P, MALE             | *4) |
| CNI102              | 1-526-660-21 o | SOCKET, IC 32P                 |     |
| CNI103              | 1-526-660-21 o | SOCKET, IC 32P                 |     |
| CNI316              | 1-526-660-21 o | SOCKET, IC 32P                 |     |
| CNI317              | 1-526-660-21 o | SOCKET, IC 32P                 |     |
| CV101               | 1-141-389-11 s | CAP, TRIMMER 50pF              |     |
| E101                | 1-535-881-21 o | TERMINAL, TP                   |     |
| E301                | 1-535-881-21 o | TERMINAL, TP                   |     |
| E302                | 1-535-881-21 o | TERMINAL, TP                   |     |
| FB101               | 1-412-364-11 s | INDUCTOR 0uH                   | *2) |
| FL302               | 1-233-314-11 s | FILTER, NOISE, CHIP            | *2) |
| FL303               | 1-239-719-11 s | FILTER, NOISE, CHIP            | *4) |
| IC101               | 8-759-525-99 s | IC HD6437021SC02X              |     |
| IC102               | 8-759-539-75 o | IC M27C1001-70F1-85SY102-V1.31 |     |
| IC103               | 8-759-539-76 o | IC M27C1001-70F1-85SY103-V1.31 |     |
| IC104               | 8-759-479-32 s | IC SN75C1168NS-E05             |     |
| IC105               | 8-759-192-25 s | IC UPD6453GT-635-E2            |     |
| IC106               | 8-759-186-44 s | IC TC74VHC125F                 |     |
| IC107               | 8-759-186-47 s | IC TC74VHC138F(EL)             |     |

(SY-241B BOARD)

| Ref. No.<br>or Q'ty | Part No.         | SP Description                 |     |
|---------------------|------------------|--------------------------------|-----|
| IC108               | 8-759-186-47 s   | IC TC74VHC138F(EL)             |     |
| IC109               | 8-759-296-24 s   | IC CY7C199-20VC                |     |
| IC110               | 8-759-296-24 s   | IC CY7C199-20VC                |     |
| IC111               | 8-759-186-84 s   | IC TC74VHC86F(EL)              |     |
| IC112               | 8-759-081-44 s   | IC TC74VHC04F                  |     |
| IC113               | 8-759-369-92 s   | IC M51958AFP600D               |     |
| IC114               | 8-759-074-51 s   | IC S-8054HNM-CQ-T1             | *6) |
| IC201               | 8-759-186-47 s   | IC TC74VHC138F(EL)             |     |
| IC202               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC203               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC204               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC206               | 8-759-186-32 s   | IC TC74VHC21F                  |     |
| IC208               | 8-759-053-58 s   | IC IDT6116SA25S0               |     |
| IC209               | 8-759-095-41 s   | IC CXD8176AQ                   |     |
| IC210               | 8-759-053-58 s   | IC IDT6116SA25S0               |     |
| IC211               | 8-759-095-41 s   | IC CXD8176AQ                   |     |
| IC212               | 8-759-926-69 s   | IC SN74HC377ANS                |     |
| IC213               | 8-759-186-77 s   | IC TC74VHC541F                 |     |
| IC214               | 8-759-186-44 s   | IC TC74VHC125F                 |     |
| IC301               | 8-759-186-38 s   | IC TC74VHC32F(EL)              |     |
| IC307               | 8-759-466-16 s   | IC IDT7164S20Y-TL              |     |
| IC308               | 8-759-466-16 s   | IC IDT7164S20Y-TL              |     |
| IC309               | 8-759-186-47 s   | IC TC74VHC138F(EL)             |     |
| IC310               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC311               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC312               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC313               | 8-759-175-29 s   | IC TC74VHC374F                 |     |
| IC314               | 8-759-175-29 s   | IC TC74VHC374F                 |     |
| IC315               | 8-759-525-99 s   | IC HD6437021SC02X              |     |
| IC316               | 8-759-539-85 o   | IC M27C1001-70F1-60SY316-V1.30 |     |
| IC317               | 8-759-539-86 o   | IC M27C1001-70F1-60SY317-V1.30 |     |
| IC403               | 8-759-186-77 s   | IC TC74VHC541F                 |     |
| IC407               | 8-759-186-38 s   | IC TC74VHC32F(EL)              |     |
| IC408               | 8-759-175-29 s   | IC TC74VHC374F                 |     |
| IC409               | 8-759-186-63 s   | IC TC74VHC245F(EL)             |     |
| IC413               | 8-759-175-29 s   | IC TC74VHC374F                 |     |
| IC414               | 8-759-927-12 s   | IC SN74HCT244ANS               |     |
| IC415               | 8-759-272-21 s   | IC TC74VHC541F                 |     |
| L101                | 1-412-533-21 s   | INDUCTOR 47uH                  |     |
| L102                | 1-412-533-21 s   | INDUCTOR 47uH                  |     |
| L103                | 1-408-779-41 s   | INDUCTOR, CHIP 15uH            |     |
| PS101               | Δ 1-532-679-00 s | LINK, IC 0.6A                  |     |
| PS102               | Δ 1-532-675-21 s | LINK, IC 1.5A                  |     |
| PS103               | Δ 1-532-679-00 s | LINK, IC 0.6A                  |     |
| Q101                | 8-729-029-14 s   | TRANSISTOR DTC144EUA-T106      |     |
| Q401                | 8-729-029-14 s   | TRANSISTOR DTC144EUA-T106      |     |
| R101                | 1-216-295-91 s   | RES, CHIP 0                    |     |
| R102                | 1-216-089-91 s   | METAL, CHIP 47k 5% 1/10W       |     |
| R103                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W        |     |
| R104                | 1-216-089-91 s   | METAL, CHIP 47k 5% 1/10W       |     |
| R105                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W        |     |
| R106                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W      |     |
| R107                | 1-216-089-91 s   | METAL, CHIP 47k 5% 1/10W       |     |
| R108                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W      |     |
| R109                | 1-216-077-00 s   | METAL, CHIP 15k 5% 1/10W       |     |
| R110                | 1-216-077-00 s   | METAL, CHIP 15k 5% 1/10W       |     |
| R111                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W      |     |

(SY-241B BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R112                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R113                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
|                     | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R114                | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W |
| R115                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R116                | 1-216-295-91 | s RES, CHIP 0                |
| R117                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R118                | 1-216-295-91 | s RES, CHIP 0                |
| R119                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R120                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R121                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R122                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R123                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R124                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R129                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R130                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R131                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R132                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R133                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R134                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R135                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R136                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R137                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R138                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R140                | 1-216-295-91 | s RES, CHIP 0                |
| R141                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R142                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R143                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R144                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R145                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R146                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R147                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R148                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R149                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W    |
|                     | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R201                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R204                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R205                | 1-216-295-91 | s RES, CHIP 0                |
| R206                | 1-216-295-91 | s RES, CHIP 0                |
| R219                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R220                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R301                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R302                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R303                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R307                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R308                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R309                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R318                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R321                | 1-216-295-91 | s RES, CHIP 0                |

(SY-241B BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R324                | 1-216-295-91 | s RES, CHIP 0                  |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R328                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R329                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
|                     | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R330                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R331                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
|                     | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R332                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W      |
| R405                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R406                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R408                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R413                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R414                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R415                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W      |
| R416                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W      |
| RB101               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB102               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB202               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB204               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB301               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB302               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB303               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB305               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB306               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB307               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB402               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB406               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB407               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB409               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB410               | 1-236-908-11 | s RESISTOR BLOCK, CHIP 10k x 4 |
| RB411               | 1-236-908-11 | s RESISTOR BLOCK, CHIP 10k x 4 |
| RB413               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| RB414               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4  |
| S101                | 1-572-473-11 | s SWITCH, PUSH                 |
| S201                | 1-692-535-11 | s SWITCH, DIP, CHIP 4-CKT      |
| X101                | 1-767-559-11 | s CRYSTAL, CHIP 19.6608MHz     |
| X301                | 1-579-996-21 | s RESONATOR, CERAMIC 20.00MHz  |

## TC-90 BOARD(DSBK-130/130P)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| 1pc                 | 4-812-134-11 s | RIVET (DIA. 3.5), NYLON       |
| 2pcs                | 7-621-759-45 s | +PSW, 2.6x6                   |
| C100                | 1-124-584-00 s | ELECT 100uF 20% 10V           |
| C101                | 1-124-584-00 s | ELECT 100uF 20% 10V           |
| C102                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C103                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C104                | 1-124-261-00 s | ELECT 10uF 20% 50V            |
| C105                | 1-124-261-00 s | ELECT 10uF 20% 50V            |
| C106                | 1-128-499-11 s | ELECT 220uF 20% 16V           |
| C107                | 1-124-584-00 s | ELECT 100uF 20% 10V           |
| C108                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C109                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C110                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C111                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C112                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C113                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C114                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C115                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C116                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C117                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C118                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C119                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C120                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C121                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C122                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C123                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C124                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| CN1                 | 1-778-888-11 o | CONNECTOR, BB 34P, MALE       |
| D100                | 8-719-941-23 s | DIODE DA204U                  |
| D101                | 8-719-941-23 s | DIODE DA204U                  |
| D102                | 8-719-941-23 s | DIODE DA204U                  |
| D103                | 8-719-941-23 s | DIODE DA204U                  |
| D104                | 8-719-941-23 s | DIODE DA204U                  |
| D105                | 8-719-941-23 s | DIODE DA204U                  |
| IC100               | 8-759-031-84 s | IC SC7S04F                    |
| IC101               | 8-759-100-96 s | IC UPC4558G2                  |
| IC102               | 8-759-186-38 s | IC TC74VHC32F(EL)             |
| IC103               | 8-759-369-73 s | IC NJM4556AM                  |
| IC104               | 8-759-186-77 s | IC TC74VHC541F                |
| IC105               | 8-759-700-07 s | IC NJM2903M                   |
| IC106               | 8-759-175-77 s | IC CXD8384Q                   |
| IC107               | 8-759-186-57 s | IC TC74VHC175F                |
| Q100                | 8-729-028-91 s | TRANSISTOR DTA144EUA-T106     |
| Q101                | 8-729-028-91 s | TRANSISTOR DTA144EUA-T106     |
| Q102                | 8-729-422-44 s | TRANSISTOR 2SK663             |
| Q103                | 8-729-422-44 s | TRANSISTOR 2SK663             |
| R100                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |
| R101                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W    |
| R102                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W      |
| R103                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W    |
| R104                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W    |
| R105                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R106                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W   |
| R107                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W   |
| R108                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W     |
| R109                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W   |

## (TC-90 BOARD(DSBK-130/130P))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R110                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R111                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R112                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R113                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R114                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R115                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R116                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R117                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R118                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R119                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R120                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R121                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R122                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R123                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R124                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R125                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W   |
| R127                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R128                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R129                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R131                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R132                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R133                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R134                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R135                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R136                | 1-216-295-91 s | RES, CHIP 0                 |
| R137                | 1-216-295-91 s | RES, CHIP 0                 |
| R138                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R139                | 1-216-295-91 s | RES, CHIP 0                 |
| R140                | 1-216-295-91 s | RES, CHIP 0                 |
| R141                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R142                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R143                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R144                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R145                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R146                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R147                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| X100                | 1-579-993-21 s | CRYSTAL 13.5MHz             |

## TR-93 BOARD

| Ref. No.<br>or Q'ty | Part No.       | SP Description     |
|---------------------|----------------|--------------------|
| 1pc                 | 3-182-257-02 s | HOLDER, DME        |
| CN31                | 1-566-759-11 o | CONNECTOR 4P, MALE |
| DM230               | 8-745-001-07 s | DME DM-230-1       |

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FRAME(DSR-60/60P)  
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| Ref. No.<br>or Q'ty   | Part No.       | SP Description  |
|---|----------------|---|
| 1pc   | 1-241-577-11   | s RES, VAR, CARBON 20k/20k  |
| 2pcs  | 1-454-337-21   | s SOLENOID  |
| 2pcs  | 1-454-787-12   | s SOLENOID  |
| 1pc   | Δ 1-468-214-12 | s REGULATOR, SWITCHING(for J,UC)  |
| 1pc   | Δ 1-468-214-22 | s REGULATOR, SWITCHING(for CE)  |
| 1pc   | 1-507-743-21   | s JACK, MINI STEREO   |
| 2pcs  | 1-698-847-12   | s MOTOR, DC (REEL)  |
| 1pc   | 1-698-881-11   | s MOTOR, DC (CAPSTAN)   |
| 1pc   | 1-762-551-11   | s SWITCH, PUSH  |
| 1pc   | 1-801-573-12   | s SENSOR, CONDENSATION  |
| 1pc   | 1-777-531-12   | s WIRE, FLEXIBLE CARD 11P<br>(CN724/FP-75 board to CN714/KY-336B board)   |
| 2pcs  | 1-777-532-11   | s WIRE, FLEXIBLE CARD 36P<br>(CN203/MS-43 board to CN503/MB-713 board)<br>(CN206/MS-43 board to CN506/MB-713 board) |
| 1pc   | 1-777-533-11   | s WIRE, FLEXIBLE CARD 13P<br>(CN50/CC-75 board to CN505/MB-713 board)   |
| 1pc   | 1-777-534-11   | s WIRE, FLEXIBLE CARD 9P<br>(CN204/MS-43 board to CN11/RM-159 board)  |
| 1pc   | 1-777-537-11   | s WIRE, FLEXIBLE CARD 36P<br>(CN712/KY-336B board to CN702/MB-713 board)  |
| 1pc   | 1-777-731-11   | s WIRE, FLEXIBLE CARD 9P<br>(CN209/MS-43 board to CN15/RM-160 board)  |
| 1pc   | 1-782-418-11   | o CABLE, FLAT 14P<br>(CN201/PRE-39 board to CN801/MB-713 board)   |
| HARNESS, SUB (FG)<br>(CN12/RM-159 board to CN41/SE-315 board)<br>(CN16/RM-159 board to CN61/SE-315 board) |                |   |
| 2pcs  | 1-956-616-11   | o HARNESS, SUB (FG)   |
| HARNESS, SUB (THREADING)<br>(CN211/MS-43 board to CN21/PTC-88 board)                                      |                |   |
| 1pc   | 1-956-617-11   | o HARNESS, SUB (THREADING)  |
| HARNESS, SUB (HP-MB)<br>(CN731/HP-73 board to CN701/MB-713 board)   |                |   |
| 1pc   | 1-956-618-11   | o HARNESS, SUB (HP-MB)  |
| HARNESS, SUB (1TREG)<br>(CN24/PTC-86 board to CN31/TR-93 board)   |                |   |
| 1pc   | 1-956-620-11   | o HARNESS, SUB (1TREG)  |
| HARNESS, SUB (TH/UNTH)<br>(CN221/MS-43 board to CN220/PTC-84 board)                                       |                |   |
| 1pc   | 1-956-623-13   | o HARNESS, SUB (TH/UNTH)  |
| HARNESS, SUB (AC SW)<br>(CN903 and CN904/MB-713 board to CN4 and CN5/switching regulator)                 |                |   |
| 1pc   | 1-956-621-11   | s HARNESS, SUB (AC SW)  |
| S1001   | Δ 1-570-117-31 | s SWITCH, ROCKER  |

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FRAME(DSBK-100/100P)  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| 1pc                 | 1-750-881-11 | s CONNECTOR, BNC-MINI COAX, FEMALE |
| 1pc                 | 1-500-051-11 | s BEAD, FERRITE (DETOUCHABLE)      |
| 1pc                 | 1-777-529-11 | s CABLE, COAXIAL                   |
| 1pc                 | 1-777-529-21 | s CABLE, COAXIAL                   |

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FRAME(DSBK-110/110P)  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| 1pc                 | 1-764-448-11 | s CONNECTOR, BNC-MINI COAX, FEMALE |
| 1pc                 | 1-957-801-11 | s HARNESS, SUB (QSDI OUT)          |

# 15-4. PACKING MATERIALS & SUPPLIED ACCESSORIES (DSR-80/80P)

## SUPPLIED ACCESSORIES (DSR-60/60P)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                                |
|---------------------|----------------|---|
| 1pc                 | Δ 1-551-812-11 | s CORD, POWER 3P(for UC)                      |
| 1pc                 | Δ 1-557-161-11 | s CORD, POWER 2P(for J)                       |
| 1pc                 | Δ 1-782-929-11 | s CORD, POWER 3P(for CE)                      |
| 1pc                 | 3-704-355-01   | o SHEET (STANDARD), PROTECTION                |
| 1pc                 | 3-800-983-01   | s INSTRUCTION(for J)                          |
| 1pc                 | 3-859-820-01   | s MANUAL, INSTRUCTION<br>(Japanese, for J)    |
| 1pc                 | Δ 3-859-820-11 | s MANUAL, INSTRUCTION<br>(English, for UC,CE) |
| 1pc                 | 3-859-820-21   | s MANUAL, INSTRUCTION<br>(French, for UC,CE)  |
| 1pc                 | 3-859-820-31   | s MANUAL, INSTRUCTION<br>(German, for CE)     |
| 1pc                 | 3-859-820-41   | s MANUAL, INSTRUCTION<br>(Italian, for CE)    |

## SUPPLIED ACCESSORIES (DSBK-100/100P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description |
|---------------------|--------------|----------------|
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6  |

## SUPPLIED ACCESSORIES (DSBK-130/130P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description |
|---------------------|--------------|----------------|
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6  |

# 15-5. OPTIONAL FIXTURES (DSR-60/60P)

Part No. SP Description

|              |                                      |
|--------------|--------------------------------------|
| J-6080-029-A | o SMALL DENTAL MIRROR                |
| J-6082-373-A | o DV TORQUE CASSETTE                 |
| J-6325-400-A | o TORQUE DRIVER (3kg/cm)             |
| J-6440-850-A | o TAPE GUIDE ADJUSTMENT DRIVER       |
| J-6442-570-A | o REEL TABLE HEIGHT GAUGE            |
| J-6442-470-A | o REEL TABLE REFERENCE PLATE         |
| J-6442-170-A | o BREAK TORQUE GAUGE (CW)            |
| J-6442-460-A | o BREAK TORQUE GAUGE (CCW)           |
| J-6442-610-A | o EXTENSION BOARD, DJ-259            |
| J-6442-620-A | o EXTENSION BOARD, DJ-260            |
| J-6443-360-A | o D COVER                            |
| 3-184-527-01 | o CLEANING CLOTH                     |
| 7-651-000-10 | o GREASE, SGL-601 (NET 50g)          |
| 7-661-018-18 | o DIAMOND OIL NT-68                  |
| 7-700-736-06 | o L SHAPED HEXAGON WRENCH (S=0.89mm) |
| 7-700-751-01 | o NUTDRIVER (S=4.5mm)                |
| 8-967-999-02 | o ALIGNMENT TAPE, XH2-1AST           |
| 8-967-999-21 | o ALIGNMENT TAPE, XH5-1A (for NTSC)  |
| 8-967-999-25 | o ALIGNMENT TAPE, XH5-1AP (for PAL)  |
| 9-911-053-00 | o THICKNESS GAUGE                    |
| 9-919-573-01 | o CLEANING LIQUID                    |





# 15-6. ELECTRICAL PARTS LIST (DSR-80/80P)

## CC-75 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| C1                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| CN50                | 1-562-708-11 | o CONNECTOR, FPC 13P          |
| CN51                | 1-580-472-11 | s CONNECTOR, FPC 5P           |
| CN52                | 1-506-467-11 | s CONNECTOR 2P, MALE          |
| PH1                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| PH2                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| PH3                 | 8-719-991-24 | s PHOTO-INTERRUPTER GP1S23    |
| R1                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R2                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |

## CC-76 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| CN53                | 1-750-248-21 | o CONNECTOR, FPC 5P         |
| PH1                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| PH2                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| PH3                 | 8-719-948-58 | s PHOTO-INTERRUPTER GP2S07B |
| R1                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |
| R2                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W  |

## CP-276A BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                      |
|---------------------|--------------|-------------------------------------|
| 1pc                 | A-8312-906-A | o MOUNTED CIRCUIT BOARD, CP-276A    |
| C1                  | 1-126-933-11 | s ELECT 100uF 20% 16V               |
| C2                  | 1-126-933-11 | s ELECT 100uF 20% 16V               |
| C3                  | 1-126-964-11 | s ELECT 10uF 20% 50V                |
| C4                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C5                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C6                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C7                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C8                  | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| CN1                 | 1-778-665-11 | s CONNECTOR, BNC, FEMALE            |
| CN2                 | 1-778-665-11 | s CONNECTOR, BNC, FEMALE            |
| CN3                 | 1-778-665-11 | s CONNECTOR, BNC, FEMALE            |
| CN4                 | 1-766-596-11 | s JACK, PIN 1P, FEMALE              |
| CN5                 | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |
| CN6                 | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |
| CN601               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| CN602               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| CN603               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE           |
| FL1                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL2                 | 1-236-058-11 | s FILTER, NOISE                     |
| FL3                 | 1-236-058-11 | s FILTER, NOISE                     |
| FL4                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL5                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL6                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL7                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL8                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL9                 | 1-236-129-11 | s FILTER, NOISE                     |
| FL10                | 1-236-129-11 | s FILTER, NOISE                     |
| FL11                | 1-236-058-11 | s FILTER, NOISE                     |
| FL12                | 1-236-129-11 | s FILTER, NOISE                     |
| FL13                | 1-236-129-11 | s FILTER, NOISE                     |
| FL14                | 1-236-129-11 | s FILTER, NOISE                     |
| FL15                | 1-236-129-11 | s FILTER, NOISE                     |
| FL16                | 1-236-129-11 | s FILTER, NOISE                     |
| Q1                  | 8-729-117-32 | s TRANSISTOR 2SC4177                |
| Q2                  | 8-729-907-46 | s TRANSISTOR IMZ1                   |
| Q3                  | 8-729-904-41 | s TRANSISTOR FMY3                   |
| R1                  | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |
| R2                  | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |
| R3                  | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |
| R4                  | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |
| R5                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          |
| R6                  | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |
| R7                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          |
| R8                  | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |
| R9                  | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |
| R10                 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |
| R11                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W          |
| R12                 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W         |
| R13                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |
| R14                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |
| R15                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |
| R16                 | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W          |
| R17                 | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W         |
| R18                 | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |
| R19                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |

## (CP-276A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description  |
|---------------------|--------------|-----------------|
| S1                  | 1-570-157-51 | s SWITCH, SLIDE |
| S2                  | 1-570-157-51 | s SWITCH, SLIDE |
| S3                  | 1-570-157-51 | s SWITCH, SLIDE |
| S4                  | 1-570-157-51 | s SWITCH, SLIDE |

## CP-281/281J BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                                  |
|---------------------|--------------|---|
| 1pc                 | A-8277-860-A | o MOUNTED CIRCUIT BOARD, CP-281<br>[For UC, CE] |
| 1pc                 | A-8311-078-A | o MOUNTED CIRCUIT BOARD, CP-281J<br>[For J]     |
| C1                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C2                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C3                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C4                  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C51                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C52                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C61                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C62                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C71                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C72                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C81                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C82                 | 1-126-935-11 | s ELECT 470uF 20% 16V                           |
| C91                 | 1-124-589-11 | s ELECT 47uF 20% 16V                            |
| C92                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C93                 | 1-124-589-11 | s ELECT 47uF 20% 16V                            |
| C94                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V                   |
| C100                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C101                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C102                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C103                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C104                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V                  |
| C105                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V                  |
| C106                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C107                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C108                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C109                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C110                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C111                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C112                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C113                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C114                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C115                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C116                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C117                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C200                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C201                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C202                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C203                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C204                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V                  |
| C205                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V                  |
| C206                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C207                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C208                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C209                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C210                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C211                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V                     |
| C212                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C213                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C214                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C215                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V                     |
| C216                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |
| C217                | 1-124-242-00 | s ELECT 33uF 20% 25V                            |

(CP-281/281J BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |              |
|---------------------|--------------|------------------------------|--------------|
| CN21                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE  |              |
| CN22                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE    |              |
| CN23                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE  | [For UC, CE] |
| CN23                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE    | [For J]      |
| CN24                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE  | [For UC, CE] |
| CN24                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE    | [For J]      |
| CN25                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE    | [For UC, CE] |
| CN25                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE  | [For J]      |
| CN26                | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE    | [For UC, CE] |
| CN26                | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE  | [For J]      |
| CN604               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE    |              |
| CN605               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE    |              |
| CN606               | 1-766-790-11 | o CONNECTOR, BB 12P, MALE    |              |
| D100                | 8-719-941-23 | s DIODE DA204U               |              |
| D101                | 8-719-941-23 | s DIODE DA204U               |              |
| D102                | 8-719-941-23 | s DIODE DA204U               |              |
| D103                | 8-719-941-23 | s DIODE DA204U               |              |
| D200                | 8-719-941-23 | s DIODE DA204U               |              |
| D201                | 8-719-941-23 | s DIODE DA204U               |              |
| D202                | 8-719-941-23 | s DIODE DA204U               |              |
| D203                | 8-719-941-23 | s DIODE DA204U               |              |
| FL1                 | 1-236-129-11 | s FILTER, NOISE              |              |
| FL2                 | 1-236-129-11 | s FILTER, NOISE              |              |
| FL3                 | 1-236-129-11 | s FILTER, NOISE              |              |
| FL4                 | 1-236-129-11 | s FILTER, NOISE              |              |
| IC100               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC101               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC102               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC103               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC200               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC201               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC202               | 8-759-106-02 | s IC UPC4570G2               |              |
| IC203               | 8-759-106-02 | s IC UPC4570G2               |              |
| R1                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |              |
| R2                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |              |
| R3                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |              |
| R4                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |              |
| R11                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |
| R12                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |
| R13                 | 1-216-295-91 | s RES, CHIP 0                | [For J]      |
| R14                 | 1-216-295-91 | s RES, CHIP 0                | [For J]      |
| R15                 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |              |
| R21                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |
| R22                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |
| R23                 | 1-216-295-91 | s RES, CHIP 0                | [For J]      |
| R24                 | 1-216-295-91 | s RES, CHIP 0                | [For J]      |
| R25                 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |              |
| R31                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |
| R32                 | 1-216-295-91 | s RES, CHIP 0                | [For UC, CE] |

(CP-281/281J BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |              |
|---------------------|--------------|-------------------------------|--------------|
| R33                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R34                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R35                 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |              |
| R41                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R42                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R43                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R44                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R45                 | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |              |
| R52                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R53                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R54                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R55                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R62                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R63                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R64                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R65                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R72                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R73                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R74                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R75                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R82                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R83                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R84                 | 1-216-295-91 | s RES, CHIP 0                 | [For J]      |
| R85                 | 1-216-295-91 | s RES, CHIP 0                 | [For UC, CE] |
| R100                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R101                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R102                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R104                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |              |
| R105                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |              |
| R106                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |              |
| R107                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |              |
| R108                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |              |
| R109                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |              |
| R110                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |              |
| R111                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |              |
| R112                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |              |
| R113                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |              |
| R114                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R115                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |
| R116                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R117                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R118                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R119                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R120                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R121                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R122                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R123                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R124                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R125                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R126                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R127                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |              |
| R128                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |              |
| R129                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |              |
| R130                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |              |
| R131                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |              |
| R151                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |              |
| R152                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |              |
| R200                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |              |

(CP-281/281J BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R201                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R202                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R203                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R204                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R205                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R206                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R207                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R208                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R209                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R210                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R211                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R212                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R213                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R214                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R215                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R216                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R217                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R218                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R219                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R220                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R221                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R222                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R223                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R224                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R225                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R226                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R227                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R228                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R229                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R230                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R231                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R251                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R252                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| S1                  | 1-570-157-11 | s SWITCH, SLIDE               |
| S2                  | 1-570-157-11 | s SWITCH, SLIDE               |
| S3                  | 1-570-157-11 | s SWITCH, SLIDE               |
| S4                  | 1-570-157-11 | s SWITCH, SLIDE               |
| S100                | 1-692-505-11 | s SWITCH, SLIDE               |
| S101                | 1-692-505-11 | s SWITCH, SLIDE               |
| S200                | 1-692-505-11 | s SWITCH, SLIDE               |
| S201                | 1-692-505-11 | s SWITCH, SLIDE               |
| T1                  | 1-437-194-21 | s TRANSFORMER, PULSE          |
| T2                  | 1-437-194-21 | s TRANSFORMER, PULSE          |
| T3                  | 1-437-194-21 | s TRANSFORMER, PULSE          |
| T4                  | 1-437-194-21 | s TRANSFORMER, PULSE          |

DA-119 BOARD; Suffix -13, 14

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -13 and -14.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8315-280-B | s MOUNTED CIRCUIT BOARD, DA-119    |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C51  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C52  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C53  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C54  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C55  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C56  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C57  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C58  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C59  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C60  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C61  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C62  | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C101 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C102 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C103 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C104 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C105 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C106 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C109 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C110 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C111 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C112 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C113 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |
| C114 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |
| C115 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |
| C116 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |
| C117 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |







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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C575                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C576                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C577                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C578                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C579                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C580                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C581                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C582                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C583                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C584                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C585                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C586                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C587                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C588                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C589                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C590                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C591                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C592                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C601                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C602                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C603                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C620                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C625                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C701                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C702                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C703                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C717                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C721                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C723                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C724                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C725                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C801                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C802                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C803                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C804                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C805                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C806                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C807                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C808                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C809                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C810                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C811                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C812                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C813                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C814                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C815                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C817                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C819                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C820                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C821                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C822                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C823                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C824                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C825                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C901                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C902                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C903                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C904                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C905                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V   |
| C906                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C907                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V     |
| C908                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C909                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C910                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C911                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C912                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C913                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C914                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C915                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C916                | 1-126-400-11 s | ELECT, CHIP 22uF 20% 35V     |
| C919                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C920                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C921                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V     |
| C922                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C923                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C924                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V      |
| C925                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| D101                | 8-719-989-22 s | LED CL-150R-CD, RED          |
| D102                | 8-719-989-22 s | LED CL-150R-CD, RED          |
| D103                | 8-719-989-22 s | LED CL-150R-CD, RED          |
| D104                | 8-719-989-22 s | LED CL-150R-CD, RED          |
| D301                | 8-719-041-39 s | DIODE KV1470                 |
| D302                | 8-719-041-39 s | DIODE KV1470                 |
| D501                | 8-719-041-39 s | DIODE KV1470                 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| D502                | 8-719-041-39 | s DIODE KV1470          |
| D601                | 8-719-801-48 | s DIODE 1SS193          |
| D602                | 8-719-820-41 | s DIODE 1SS302          |
| D603                | 8-719-820-41 | s DIODE 1SS302          |
| D701                | 8-719-801-48 | s DIODE 1SS193          |
| D702                | 8-719-820-41 | s DIODE 1SS302          |
| D703                | 8-719-820-41 | s DIODE 1SS302          |
| D801                | 8-719-801-48 | s DIODE 1SS193          |
| D802                | 8-719-820-41 | s DIODE 1SS302          |
| D803                | 8-719-820-41 | s DIODE 1SS302          |
| D901                | 8-719-801-48 | s DIODE 1SS193          |
| D902                | 8-719-820-41 | s DIODE 1SS302          |
| D903                | 8-719-820-41 | s DIODE 1SS302          |
| FL501               | 1-239-719-11 | s FILTER, NOISE, CHIP   |
| FL502               | 1-239-719-11 | s FILTER, NOISE, CHIP   |
| IC10                | 8-759-009-07 | s IC MC14053BF          |
| IC11                | 8-759-009-06 | s IC MC14052BF          |
| IC12                | 8-759-702-02 | s IC NJM062M            |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U           |
| IC14                | 8-759-172-41 | s IC L78M09T-TL         |
| IC15                | 8-759-068-03 | s IC NJM79L09UA         |
| IC51                | 8-752-374-96 | s IC CXD2190R-T6        |
| IC52                | 8-752-374-96 | s IC CXD2190R-T6        |
| IC53                | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC54                | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC55                | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC56                | 8-759-271-86 | s IC TC7SH04FU          |
| IC101               | 8-759-700-94 | s IC NJM5532M           |
| IC102               | 8-759-700-94 | s IC NJM5532M           |
| IC103               | 8-759-700-94 | s IC NJM5532M           |
| IC104               | 8-759-700-94 | s IC NJM5532M           |
| IC105               | 8-759-357-73 | s IC TL32088CNS-E20     |
| IC106               | 8-759-357-73 | s IC TL32088CNS-E20     |
| IC107               | 8-759-357-74 | s IC TLC320AD58CDWR     |
| IC108               | 8-759-357-74 | s IC TLC320AD58CDWR     |
| IC109               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC110               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC111               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC112               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC113               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC114               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC116               | 8-759-523-43 | s IC TC74ACT157FT(EL)   |
| IC117               | 8-759-490-41 | s IC TC74VHCT541AFT(EL) |
| IC118               | 8-759-326-71 | s IC CXD8517Q           |
| IC119               | 8-759-326-71 | s IC CXD8517Q           |
| IC120               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC121               | 8-759-491-46 | s IC TC74VHCT04FT(EL)   |
| IC122               | 8-759-523-79 | s IC TC74VHC02FT(EL)    |
| IC123               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC124               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC125               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC202               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC203               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC204               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC205               | 8-759-483-02 | s IC CXD8713Q           |
| IC206               | 8-759-491-47 | s IC TC74VHCT08AFT(EL)  |
| IC207               | 8-759-491-45 | s IC TC74VHCT00AFT(EL)  |
| IC301               | 8-759-523-94 | s IC TC74VHC32FT(EL)    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| IC302               | 8-759-491-47 | s IC TC74VHCT08AFT(EL)  |
| IC303               | 8-752-352-30 | s IC CXD2705AQ          |
| IC304               | 8-752-352-30 | s IC CXD2705AQ          |
| IC305               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC306               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC307               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC308               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC309               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC310               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC313               | 8-759-362-16 | s IC CXD2913AQ          |
| IC314               | 8-759-362-16 | s IC CXD2913AQ          |
| IC315               | 8-759-702-02 | s IC NJM062M            |
| IC316               | 8-759-702-02 | s IC NJM062M            |
| IC317               | 8-759-490-41 | s IC TC74VHCT541AFT(EL) |
| IC318               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC401               | 8-759-523-78 | s IC TC74VHC00FT(EL)    |
| IC403               | 8-759-466-16 | s IC IDT7164S20Y-TL     |
| IC406               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC408               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC412               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC501               | 8-759-186-51 | s IC TC74VHC157FS(EL)   |
| IC502               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC503               | 8-752-374-96 | s IC CXD2190R-T6        |
| IC504               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC505               | 8-759-337-74 | s IC HM62V256LT8Z       |
| IC509               | 8-759-362-16 | s IC CXD2913AQ          |
| IC510               | 8-759-362-16 | s IC CXD2913AQ          |
| IC511               | 8-759-702-02 | s IC NJM062M            |
| IC512               | 8-759-702-02 | s IC NJM062M            |
| IC513               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC514               | 8-759-271-86 | s IC TC7SH04FU          |
| IC515               | 8-759-524-09 | s IC TC74VHC153FT(EL)   |
| IC551               | 8-759-490-41 | s IC TC74VHCT541AFT(EL) |
| IC552               | 8-759-523-43 | s IC TC74ACT157FT(EL)   |
| IC553               | 8-752-352-30 | s IC CXD2705AQ          |
| IC554               | 8-752-352-30 | s IC CXD2705AQ          |
| IC555               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC556               | 8-759-358-23 | s IC NN514256J-45-T     |
| IC557               | 8-759-326-71 | s IC CXD8517Q           |
| IC558               | 8-759-326-71 | s IC CXD8517Q           |
| IC559               | 8-759-523-78 | s IC TC74VHC00FT(EL)    |
| IC560               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC561               | 8-759-523-95 | s IC TC74VHC74FT(EL)    |
| IC562               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC563               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC564               | 8-759-524-19 | s IC TC74VHC164FT(EL)   |
| IC565               | 8-759-523-79 | s IC TC74VHC02FT(EL)    |
| IC581               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC582               | 8-759-173-51 | s IC SM5872AS-ET        |
| IC601               | 8-759-745-64 | s IC NJM4560M           |
| IC602               | 8-759-745-64 | s IC NJM4560M           |
| IC603               | 8-759-745-64 | s IC NJM4560M           |
| IC604               | 8-759-745-64 | s IC NJM4560M           |
| IC605               | 8-759-521-14 | s IC NJM5532S-D         |
| IC701               | 8-759-745-64 | s IC NJM4560M           |
| IC703               | 8-759-745-64 | s IC NJM4560M           |
| IC704               | 8-759-745-64 | s IC NJM4560M           |
| IC705               | 8-759-521-14 | s IC NJM5532S-D         |
| IC801               | 8-759-745-64 | s IC NJM4560M           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| IC802               | 8-759-702-02   | s IC NJM062M                |
| IC803               | 8-759-702-02   | s IC NJM062M                |
| IC804               | 8-759-702-02   | s IC NJM062M                |
| IC805               | 8-759-521-14   | s IC NJM5532S-D             |
| IC901               | 8-759-745-64   | s IC NJM4560M               |
| IC903               | 8-759-702-02   | s IC NJM062M                |
| IC904               | 8-759-702-02   | s IC NJM062M                |
| IC905               | 8-759-521-14   | s IC NJM5532S-D             |
| L51                 | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L101                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L102                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L103                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L104                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L105                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L106                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L201                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L202                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L204                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L301                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L303                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L304                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L305                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L309                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L312                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L313                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L401                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L402                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L403                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L404                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L501                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L503                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L504                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L507                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L508                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L552                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L554                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L555                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L556                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L557                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L558                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L581                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L582                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L583                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L584                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV501               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV502               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS17                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |

(DA-119 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q11                 | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q15                 | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q101                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q102                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q103                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q104                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q105                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q106                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q107                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q108                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q581                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q582                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q583                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q584                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q585                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q586                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q587                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q588                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q589                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q590                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q601                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q801                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q802                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q803                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q804                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q805                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q901                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q902                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q903                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q904                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q905                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R14                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R15                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R16                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R17                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R19                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R20                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R23                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R24                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R101                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R102                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R103                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R104                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R106                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R107                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R108                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R111                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R112                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R113                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R114                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R115                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R116                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R117                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R118                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R119                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R124                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R125                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R126                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R127                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R128                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R129                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R130                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R131                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R132                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R133                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R134                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R135                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R136                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R137                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R138                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R139                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R141                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R143                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R144                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R145                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R146                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R147                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R149                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R150                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R151                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R152                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R153                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R154                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R155                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R156                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R157                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R158                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R159                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R160                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R161                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R162                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R163                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R164                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R165                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R166                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R171                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R172                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R206                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R207                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R210                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R211                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R212                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R218                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R301                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R318                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R319                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R320                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R325                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R326                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R328                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R329                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R330                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R333                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R334                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R335                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R336                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R337                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R338                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R404                | 1-216-295-91 | s RES, CHIP 0                 |
| R416                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R428                | 1-216-295-91 | s RES, CHIP 0                 |
| R429                | 1-216-295-91 | s RES, CHIP 0                 |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R430                | 1-216-295-91 | s RES, CHIP 0                 |
| R431                | 1-216-295-91 | s RES, CHIP 0                 |
| R432                | 1-216-295-91 | s RES, CHIP 0                 |
| R433                | 1-216-295-91 | s RES, CHIP 0                 |
| R440                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R441                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R442                | 1-216-295-91 | s RES, CHIP 0                 |
| R501                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R502                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R503                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R504                | 1-216-295-91 | s RES, CHIP 0                 |
| R506                | 1-216-295-91 | s RES, CHIP 0                 |
| R511                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R513                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R514                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R515                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R516                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R517                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R518                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R519                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R525                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R526                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R527                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R528                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R529                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R530                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R531                | 1-216-295-91 | s RES, CHIP 0                 |
| R532                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R555                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R556                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R557                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R558                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R581                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R582                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R583                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R584                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R585                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R586                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R606                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R607                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

(DA-119 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R618                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R633                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R639                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R642                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R706                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R707                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R710                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R711                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R712                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R713                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R714                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R715                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R716                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R717                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R718                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R719                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R720                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R721                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R722                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R723                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R724                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R725                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R726                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R727                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R728                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R729                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R730                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R731                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R733                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |

(DA-119 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R735                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R737                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R738                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R739                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R740                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R741                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R744                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R747                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R748                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R749                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R801                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R802                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R803                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R804                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R805                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R806                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R807                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R808                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R809                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R810                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R811                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R812                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R813                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R814                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R815                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R816                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R817                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R818                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R819                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R820                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R821                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R822                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R823                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R824                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R825                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R826                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R827                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R828                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R829                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R830                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R831                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R832                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R833                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R835                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R837                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R838                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R839                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R840                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R841                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R844                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R845                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R848                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R849                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R901                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R902                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R903                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R904                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R905                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |
| R906                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W  |

(DA-119 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R907                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R908                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R909                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R910                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R911                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W   |
| R912                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R913                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R914                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R915                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R916                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R917                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R918                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W  |
| R919                | 1-208-805-11 | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R920                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R921                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R922                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W   |
| R923                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R924                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R925                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R926                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R927                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R928                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R929                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R930                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R931                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R932                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R933                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R935                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R937                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R938                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R939                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R940                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R941                | 1-208-750-11 | s METAL, CHIP 47 0.5% 1/10W    |
| R942                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R947                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W       |
| R948                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R949                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB203               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB301               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB401               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB402               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB403               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB405               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB406               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB408               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB409               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB501               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB502               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB503               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |

(DA-119 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| RB504               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB505               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB551               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB552               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV801               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV901               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RY601               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY701               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY801               | 1-515-716-11 | s RELAY (TQ2-5V)               |
| RY901               | 1-515-716-11 | s RELAY (TQ2-5V)               |

DA-119 BOARD; Suffix -12

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

This list corresponds to the board suffix number -12.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | A-8315-280-B | s MOUNTED CIRCUIT BOARD, DA-119    |
| 1pc  | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C51  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C52  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C53  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C54  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C55  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C56  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C57  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C58  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C59  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C60  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C61  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C62  | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V        |
| C101 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C102 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C103 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C104 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C105 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C106 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C109 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C110 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C111 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C112 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C113 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |
| C114 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |
| C115 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |
| C116 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |
| C117 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |
| C118 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |
| C119 | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V        |







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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C577                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C578                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C579                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C580                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C581                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C582                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C583                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C584                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C585                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C586                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C587                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C588                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C589                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C590                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C591                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C592                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C601                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C602                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C603                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C604                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C605                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C606                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C607                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C608                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C609                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C610                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C611                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C612                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C613                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C614                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C615                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C617                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C619                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C620                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C621                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C625                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C701                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C702                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C703                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C704                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C705                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C706                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C707                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C708                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C709                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C710                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C713                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C715                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C717                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C719                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C720                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C721                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C722                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C724                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C725                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C801                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C802                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C803                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C804                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C805                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C806                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C807                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C808                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C809                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C810                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C811                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C812                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C813                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C814                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C815                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C817                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C819                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C820                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C821                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C822                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C823                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C824                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C825                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C901                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C902                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C903                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C904                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C905                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C906                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C907                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V     |
| C908                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C909                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C910                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C911                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C912                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C913                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C914                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C915                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C916                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C919                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C920                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C921                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C922                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C923                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C924                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C925                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| D101                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D102                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D103                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D104                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D301                | 8-719-041-39 | s DIODE KV1470                 |
| D302                | 8-719-041-39 | s DIODE KV1470                 |
| D501                | 8-719-041-39 | s DIODE KV1470                 |
| D502                | 8-719-041-39 | s DIODE KV1470                 |
| D601                | 8-719-801-48 | s DIODE 1SS193                 |
| D602                | 8-719-820-41 | s DIODE 1SS302                 |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| D603                | 8-719-820-41 s | DIODE 1SS302          |
| D701                | 8-719-801-48 s | DIODE 1SS193          |
| D702                | 8-719-820-41 s | DIODE 1SS302          |
| D703                | 8-719-820-41 s | DIODE 1SS302          |
| D801                | 8-719-801-48 s | DIODE 1SS193          |
| D802                | 8-719-820-41 s | DIODE 1SS302          |
| D803                | 8-719-820-41 s | DIODE 1SS302          |
| D901                | 8-719-801-48 s | DIODE 1SS193          |
| D902                | 8-719-820-41 s | DIODE 1SS302          |
| D903                | 8-719-820-41 s | DIODE 1SS302          |
| FL501               | 1-239-719-11 s | FILTER, NOISE, CHIP   |
| FL502               | 1-239-719-11 s | FILTER, NOISE, CHIP   |
| IC10                | 8-759-009-07 s | IC MC14053BF          |
| IC11                | 8-759-009-06 s | IC MC14052BF          |
| IC12                | 8-759-702-02 s | IC NJM062M            |
| IC13                | 8-759-157-17 s | IC PQ05SZ1U           |
| IC14                | 8-759-172-41 s | IC L78M09T-TL         |
| IC15                | 8-759-068-03 s | IC NJM79L09UA         |
| IC51                | 8-752-374-96 s | IC CXD2190R-T6        |
| IC52                | 8-752-374-96 s | IC CXD2190R-T6        |
| IC53                | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC54                | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC55                | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC56                | 8-759-271-86 s | IC TC7SH04FU          |
| IC101               | 8-759-700-94 s | IC NJM5532M           |
| IC102               | 8-759-700-94 s | IC NJM5532M           |
| IC103               | 8-759-700-94 s | IC NJM5532M           |
| IC104               | 8-759-700-94 s | IC NJM5532M           |
| IC105               | 8-759-357-73 s | IC TL32088CNS-E20     |
| IC106               | 8-759-357-73 s | IC TL32088CNS-E20     |
| IC107               | 8-759-357-74 s | IC TLC320AD58CDWR     |
| IC108               | 8-759-357-74 s | IC TLC320AD58CDWR     |
| IC109               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC110               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC111               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC112               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC113               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC114               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC116               | 8-759-523-43 s | IC TC74ACT157FT(EL)   |
| IC117               | 8-759-490-41 s | IC TC74VHCT541AFT(EL) |
| IC118               | 8-759-326-71 s | IC CXD8517Q           |
| IC119               | 8-759-326-71 s | IC CXD8517Q           |
| IC120               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC121               | 8-759-491-46 s | IC TC74VHCT04FT(EL)   |
| IC122               | 8-759-523-79 s | IC TC74VHC02FT(EL)    |
| IC123               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC124               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC125               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC202               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC203               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC204               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC205               | 8-759-483-02 s | IC CXD8713Q           |
| IC206               | 8-759-491-47 s | IC TC74VHCT08AFT(EL)  |
| IC207               | 8-759-491-45 s | IC TC74VHCT00AFT(EL)  |
| IC301               | 8-759-523-94 s | IC TC74VHC32FT(EL)    |
| IC302               | 8-759-491-47 s | IC TC74VHCT08AFT(EL)  |
| IC303               | 8-752-352-30 s | IC CXD2705AQ          |
| IC304               | 8-752-352-30 s | IC CXD2705AQ          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| IC305               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC306               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC307               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC308               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC309               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC310               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC313               | 8-759-362-16 s | IC CXD2913AQ          |
| IC314               | 8-759-362-16 s | IC CXD2913AQ          |
| IC315               | 8-759-702-02 s | IC NJM062M            |
| IC316               | 8-759-702-02 s | IC NJM062M            |
| IC317               | 8-759-490-41 s | IC TC74VHCT541AFT(EL) |
| IC318               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC401               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC403               | 8-759-466-16 s | IC IDT7164S20Y-TL     |
| IC406               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC408               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC412               | 8-759-524-50 s | IC TC74VHC541FT(EL)   |
| IC501               | 8-759-186-51 s | IC TC74VHC157FS(EL)   |
| IC502               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC503               | 8-752-374-96 s | IC CXD2190R-T6        |
| IC504               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC505               | 8-759-337-74 s | IC HM62V256LT8Z       |
| IC509               | 8-759-362-16 s | IC CXD2913AQ          |
| IC510               | 8-759-362-16 s | IC CXD2913AQ          |
| IC511               | 8-759-702-02 s | IC NJM062M            |
| IC512               | 8-759-702-02 s | IC NJM062M            |
| IC513               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC514               | 8-759-271-86 s | IC TC7SH04FU          |
| IC515               | 8-759-524-09 s | IC TC74VHC153FT(EL)   |
| IC551               | 8-759-490-41 s | IC TC74VHCT541AFT(EL) |
| IC552               | 8-759-523-43 s | IC TC74ACT157FT(EL)   |
| IC553               | 8-752-352-30 s | IC CXD2705AQ          |
| IC554               | 8-752-352-30 s | IC CXD2705AQ          |
| IC555               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC556               | 8-759-358-23 s | IC NN514256J-45-T     |
| IC557               | 8-759-326-71 s | IC CXD8517Q           |
| IC558               | 8-759-326-71 s | IC CXD8517Q           |
| IC559               | 8-759-523-78 s | IC TC74VHC00FT(EL)    |
| IC560               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC561               | 8-759-523-95 s | IC TC74VHC74FT(EL)    |
| IC562               | 8-759-524-50 s | IC TC74VHC541FT(EL)   |
| IC563               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC564               | 8-759-524-19 s | IC TC74VHC164FT(EL)   |
| IC565               | 8-759-523-79 s | IC TC74VHC02FT(EL)    |
| IC581               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC582               | 8-759-173-51 s | IC SM5872AS-ET        |
| IC601               | 8-759-745-64 s | IC NJM4560M           |
| IC602               | 8-759-745-64 s | IC NJM4560M           |
| IC603               | 8-759-745-64 s | IC NJM4560M           |
| IC604               | 8-759-745-64 s | IC NJM4560M           |
| IC605               | 8-759-521-14 s | IC NJM5532S-D         |
| IC701               | 8-759-745-64 s | IC NJM4560M           |
| IC703               | 8-759-745-64 s | IC NJM4560M           |
| IC704               | 8-759-745-64 s | IC NJM4560M           |
| IC705               | 8-759-521-14 s | IC NJM5532S-D         |
| IC801               | 8-759-745-64 s | IC NJM4560M           |
| IC802               | 8-759-702-02 s | IC NJM062M            |
| IC803               | 8-759-702-02 s | IC NJM062M            |
| IC804               | 8-759-702-02 s | IC NJM062M            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| IC805               | 8-759-521-14   | s IC NJM5532S-D             |
| IC901               | 8-759-745-64   | s IC NJM4560M               |
| IC903               | 8-759-702-02   | s IC NJM062M                |
| IC904               | 8-759-702-02   | s IC NJM062M                |
| IC905               | 8-759-521-14   | s IC NJM5532S-D             |
| L51                 | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L101                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L102                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L103                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L104                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L105                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L106                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L201                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L202                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L204                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L301                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L303                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L304                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L305                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L308                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L309                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L312                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L313                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L401                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L402                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L403                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L404                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L501                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L503                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L504                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L507                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L508                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L552                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L554                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L555                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L556                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L557                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L558                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L581                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L582                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L583                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| L584                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV501               | 1-411-984-11   | s COIL, VAR, CHIP           |
| LV502               | 1-411-984-11   | s COIL, VAR, CHIP           |
| PS10                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| PS15                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS16                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A         |
| PS17                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A         |
| Q10                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q11                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q12                 | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s TRANSISTOR 2SC4177        |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q15                 | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q101                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q102                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q103                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q104                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q105                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q106                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q107                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q108                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q581                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q582                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q583                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q584                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q585                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146 |
| Q586                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q587                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q588                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q589                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q590                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 |
| Q601                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q801                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q802                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q803                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q804                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q805                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q901                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q902                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q903                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q904                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| Q905                | 8-729-202-38 | s TRANSISTOR 2SC3326N       |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R13                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R14                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R15                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R16                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R17                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R19                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R20                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R22                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R23                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R24                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |





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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R440                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R441                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R442                | 1-216-295-91 s | RES, CHIP 0                 |
| R501                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R502                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R503                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R504                | 1-216-295-91 s | RES, CHIP 0                 |
| R506                | 1-216-295-91 s | RES, CHIP 0                 |
| R511                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R513                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R514                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R515                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R516                | 1-216-091-00 s | METAL, CHIP 56k 5% 1/10W    |
| R517                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R518                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R519                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R525                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R526                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R527                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R528                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R529                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R530                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R531                | 1-216-295-91 s | RES, CHIP 0                 |
| R532                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R555                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R556                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R557                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R558                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R581                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R582                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R583                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R584                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R585                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R586                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R604                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R606                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R607                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R609                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R614                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R619                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R622                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R624                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R629                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R633                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R635                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R639                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R641                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R642                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R701                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R706                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R707                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R710                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R711                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R712                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R713                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R714                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R715                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R716                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R717                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R718                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R719                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R720                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R721                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R722                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R723                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R724                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R725                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R726                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R727                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R728                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R729                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R730                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R731                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R733                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R737                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R738                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R739                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R740                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R741                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R744                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R747                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R748                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R749                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R801                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R802                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R803                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R804                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R805                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R806                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R807                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R808                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R809                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R810                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R811                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R812                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R813                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R814                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R815                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R816                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R817                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R818                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R819                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R820                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R821                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R822                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R823                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R824                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R825                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R826                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R827                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R828                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R829                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R830                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R831                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R832                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R833                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R835                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R837                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R838                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R839                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R840                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R841                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R844                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R845                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W      |
| R848                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R849                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R901                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R902                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R903                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R904                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R905                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R906                | 1-216-684-11 s | METAL, CHIP 24k 0.5% 1/10W  |
| R907                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R908                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R909                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R910                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |

(DA-119 BOARD; Suffix -12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R911                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W   |
| R912                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R913                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R914                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R915                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R916                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R917                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R918                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W  |
| R919                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R920                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R921                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R922                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
| R923                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R924                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R925                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R926                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R927                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R928                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R929                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R930                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R931                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R932                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R933                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R935                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R937                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R938                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R939                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R940                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R941                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W    |
| R942                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R947                | 1-220-242-11 s | METAL, CHIP 22 5% 1/4W       |
| R948                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W     |
| R949                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB203               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB301               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB401               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB402               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB403               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB405               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB406               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB408               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB409               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4 |
| RB501               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8 |
| RB502               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB503               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB504               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB505               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB551               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |
| RB552               | 1-239-412-11 s | RESISTOR BLOCK, CHIP 100 x 4 |

(DA-119 BOARD; Suffix -12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k |
| RV801               | 1-241-264-11 | s RES, ADJ, METAL 10k |
| RV901               | 1-241-264-11 | s RES, ADJ, METAL 10k |
| RY601               | 1-515-716-11 | s RELAY (TQ2-5V)      |
| RY701               | 1-515-716-11 | s RELAY (TQ2-5V)      |
| RY801               | 1-515-716-11 | s RELAY (TQ2-5V)      |
| RY901               | 1-515-716-11 | s RELAY (TQ2-5V)      |

DA-119 BOARD; Suffix -11

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

This list corresponds to the board suffix number -11.

1pc A-8315-280-B s MOUNTED CIRCUIT BOARD, DA-119

The DA-119 board with board suffix number -11 includes the DUS-108 board.

See the list in the DUS-108 board for details.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | 7-621-759-45 | s +PSW, 2.6X6                      |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C10  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C17  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C18  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C19  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C20  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C21  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C22  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C23  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C24  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C25  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C26  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C27  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C28  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C29  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C30  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C31  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C32  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C33  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C36  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C51  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C52  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C53  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C54  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C55  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C56  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C57  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C58  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C59  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C60  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C61  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C101 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C102 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C103 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C104 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C105 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C106 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V        |
| C109 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C110 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C111 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C112 | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V         |
| C113 | 1-126-395-11 | s ELECT, CHIP 22uF 20% 16V         |









(DA-119 BOARD; Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C915                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C916                | 1-126-400-11 | s ELECT, CHIP 22uF 20% 35V     |
| C919                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C920                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C921                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C922                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C923                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C924                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C925                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| CNI204              | 1-251-350-11 | o SOCKET, IC (PLCC) 32P        |
| D101                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D102                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D103                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D104                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D201                | 8-719-404-35 | s DIODE MA141WK                |
| D301                | 8-719-041-39 | s DIODE KV1470                 |
| D302                | 8-719-041-39 | s DIODE KV1470                 |
| D501                | 8-719-041-39 | s DIODE KV1470                 |
| D502                | 8-719-041-39 | s DIODE KV1470                 |
| D601                | 8-719-801-48 | s DIODE 1SS193                 |
| D602                | 8-719-820-41 | s DIODE 1SS302                 |
| D603                | 8-719-820-41 | s DIODE 1SS302                 |
| D701                | 8-719-801-48 | s DIODE 1SS193                 |
| D702                | 8-719-820-41 | s DIODE 1SS302                 |
| D703                | 8-719-820-41 | s DIODE 1SS302                 |
| D801                | 8-719-801-48 | s DIODE 1SS193                 |
| D802                | 8-719-820-41 | s DIODE 1SS302                 |
| D803                | 8-719-820-41 | s DIODE 1SS302                 |
| D901                | 8-719-801-48 | s DIODE 1SS193                 |
| D902                | 8-719-820-41 | s DIODE 1SS302                 |
| D903                | 8-719-820-41 | s DIODE 1SS302                 |
| IC10                | 8-759-300-71 | s IC HD14053BFP                |
| IC11                | 8-759-009-06 | s IC MC14052BF                 |
| IC12                | 8-759-702-02 | s IC NJM062M                   |
| IC13                | 8-759-157-17 | s IC PQ05SZ1U                  |
| IC14                | 8-759-172-41 | s IC L78M09T-TL                |
| IC15                | 8-759-068-03 | s IC NJM79L09UA                |
| IC51                | 8-752-374-96 | s IC CXD2190R-T6               |
| IC52                | 8-752-374-96 | s IC CXD2190R-T6               |
| IC53                | 8-759-337-74 | s IC HM62V256LT8Z              |
| IC54                | 8-759-337-74 | s IC HM62V256LT8Z              |
| IC101               | 8-759-700-94 | s IC NJM5532M                  |
| IC102               | 8-759-700-94 | s IC NJM5532M                  |
| IC103               | 8-759-700-94 | s IC NJM5532M                  |
| IC104               | 8-759-700-94 | s IC NJM5532M                  |
| IC105               | 8-759-357-73 | s IC TL32088CNS-E20            |
| IC106               | 8-759-357-73 | s IC TL32088CNS-E20            |
| IC107               | 8-759-357-74 | s IC TLC320AD58CDWR            |
| IC108               | 8-759-357-74 | s IC TLC320AD58CDWR            |
| IC109               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC110               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC111               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC112               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC113               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC114               | 8-759-079-73 | s IC TC74VHC153FS(EL)          |
| IC116               | 8-759-335-02 | s IC TC74ACT157FS(EL)          |
| IC117               | 8-759-080-03 | s IC TC74VHCT541FS(EL)         |

(DA-119 BOARD; Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC118               | 8-759-326-71 | s IC CXD8517Q          |
| IC119               | 8-759-326-71 | s IC CXD8517Q          |
| IC202               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC203               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC205               | 8-759-455-76 | s IC EPF81500ARC240-3  |
| IC206               | 8-759-079-53 | s IC TC74VHCT08FS(EL)  |
| IC207               | 8-759-079-47 | s IC TC74VHCT00FS(EL)  |
| IC301               | 8-759-079-60 | s IC TC74VHC32FS(EL)   |
| IC302               | 8-759-079-53 | s IC TC74VHCT08FS(EL)  |
| IC303               | 8-752-352-30 | s IC CXD2705AQ         |
| IC304               | 8-752-352-30 | s IC CXD2705AQ         |
| IC305               | 8-759-358-23 | s IC NN514256J-45-T    |
| IC306               | 8-759-358-23 | s IC NN514256J-45-T    |
| IC307               | 8-752-374-96 | s IC CXD2190R-T6       |
| IC308               | 8-752-374-96 | s IC CXD2190R-T6       |
| IC309               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC310               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC313               | 8-759-362-16 | s IC CXD2913AQ         |
| IC314               | 8-759-362-16 | s IC CXD2913AQ         |
| IC315               | 8-759-702-02 | s IC NJM062M           |
| IC316               | 8-759-702-02 | s IC NJM062M           |
| IC317               | 8-759-080-03 | s IC TC74VHCT541FS(EL) |
| IC401               | 8-759-079-46 | s IC TC74VHC00FS(EL)   |
| IC402               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC403               | 8-759-253-96 | s IC IDT7164S20Y       |
| IC405               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC406               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC408               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC409               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC410               | 8-759-079-52 | s IC TC74VHC08FS(EL)   |
| IC411               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC412               | 8-759-080-02 | s IC TC74VHC541FS(EL)  |
| IC501               | 8-759-186-51 | s IC TC74VHC157F       |
| IC502               | 8-752-374-96 | s IC CXD2190R-T6       |
| IC503               | 8-752-374-96 | s IC CXD2190R-T6       |
| IC504               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC505               | 8-759-337-74 | s IC HM62V256LT8Z      |
| IC509               | 8-759-362-16 | s IC CXD2913AQ         |
| IC510               | 8-759-362-16 | s IC CXD2913AQ         |
| IC511               | 8-759-702-02 | s IC NJM062M           |
| IC512               | 8-759-702-02 | s IC NJM062M           |
| IC551               | 8-759-080-03 | s IC TC74VHCT541FS(EL) |
| IC552               | 8-759-335-02 | s IC TC74ACT157FS(EL)  |
| IC553               | 8-752-352-30 | s IC CXD2705AQ         |
| IC554               | 8-752-352-30 | s IC CXD2705AQ         |
| IC555               | 8-759-358-23 | s IC NN514256J-45-T    |
| IC556               | 8-759-358-23 | s IC NN514256J-45-T    |
| IC557               | 8-759-326-71 | s IC CXD8517Q          |
| IC558               | 8-759-326-71 | s IC CXD8517Q          |
| IC559               | 8-759-079-46 | s IC TC74VHC00FS(EL)   |
| IC560               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC561               | 8-759-079-61 | s IC TC74VHC74FS(EL)   |
| IC562               | 8-759-080-02 | s IC TC74VHC541FS(EL)  |
| IC581               | 8-759-173-51 | s IC SM5872AS-ET       |
| IC582               | 8-759-173-51 | s IC SM5872AS-ET       |
| IC601               | 8-759-745-64 | s IC NJM4560M          |
| IC602               | 8-759-745-64 | s IC NJM4560M          |
| IC603               | 8-759-745-64 | s IC NJM4560M          |
| IC604               | 8-759-745-64 | s IC NJM4560M          |

(DA-119 BOARD; Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP | Description         |
|---------------------|--------------|----|---------------------|
| IC605               | 8-759-521-14 | s  | IC NJM5532S-D       |
| IC701               | 8-759-745-64 | s  | IC NJM4560M         |
| IC703               | 8-759-745-64 | s  | IC NJM4560M         |
| IC704               | 8-759-745-64 | s  | IC NJM4560M         |
| IC705               | 8-759-521-14 | s  | IC NJM5532S-D       |
| IC801               | 8-759-745-64 | s  | IC NJM4560M         |
| IC802               | 8-759-702-02 | s  | IC NJM062M          |
| IC803               | 8-759-702-02 | s  | IC NJM062M          |
| IC804               | 8-759-702-02 | s  | IC NJM062M          |
| IC805               | 8-759-521-14 | s  | IC NJM5532S-D       |
| IC901               | 8-759-745-64 | s  | IC NJM4560M         |
| IC903               | 8-759-702-02 | s  | IC NJM062M          |
| IC904               | 8-759-702-02 | s  | IC NJM062M          |
| IC905               | 8-759-521-14 | s  | IC NJM5532S-D       |
| L51                 | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L101                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L102                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L103                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L104                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L105                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L106                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L201                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L202                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L203                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L204                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L301                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L303                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L304                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L305                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L306                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L307                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L308                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L309                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L310                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L311                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L312                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L313                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L401                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L402                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L403                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L404                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L501                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L503                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L504                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L505                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L506                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L507                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L508                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L509                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L510                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L551                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L552                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L554                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L555                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L556                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L557                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L558                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L581                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |
| L582                | 1-410-381-11 | s  | INDUCTOR, CHIP 10uH |

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| Ref. No.<br>or Q'ty | Part No.       | SP | Description               |
|---------------------|----------------|----|---------------------------|
| L583                | 1-410-381-11   | s  | INDUCTOR, CHIP 10uH       |
| L584                | 1-410-381-11   | s  | INDUCTOR, CHIP 10uH       |
| LV301               | 1-411-984-11   | s  | COIL, VAR, CHIP           |
| LV302               | 1-411-984-11   | s  | COIL, VAR, CHIP           |
| LV501               | 1-411-984-11   | s  | COIL, VAR, CHIP           |
| LV502               | 1-411-984-11   | s  | COIL, VAR, CHIP           |
| PS10                | Δ 1-576-124-11 | s  | LINK, IC, CHIP 1A         |
| PS11                | Δ 1-576-124-11 | s  | LINK, IC, CHIP 1A         |
| PS12                | Δ 1-576-124-11 | s  | LINK, IC, CHIP 1A         |
| PS13                | Δ 1-576-124-11 | s  | LINK, IC, CHIP 1A         |
| PS15                | Δ 1-533-282-21 | s  | LINK, IC, CHIP 2A         |
| PS16                | Δ 1-533-282-21 | s  | LINK, IC, CHIP 2A         |
| PS17                | Δ 1-576-124-11 | s  | LINK, IC, CHIP 1A         |
| Q10                 | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q11                 | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q12                 | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q13                 | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q14                 | 8-729-117-32   | s  | TRANSISTOR 2SC4177        |
| Q15                 | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q16                 | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q17                 | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q18                 | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q19                 | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q101                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q102                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q103                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q104                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q105                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q106                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q107                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q108                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q581                | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q582                | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q583                | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q584                | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q585                | 8-729-027-59   | s  | TRANSISTOR DTC144EKA-T146 |
| Q586                | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q587                | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q588                | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q589                | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q590                | 8-729-027-38   | s  | TRANSISTOR DTA144EKA-T146 |
| Q601                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q602                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q603                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q604                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q605                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q701                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q702                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q703                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q704                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q705                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q801                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q802                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q803                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q804                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q805                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q901                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |
| Q902                | 8-729-202-38   | s  | TRANSISTOR 2SC3326N       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q903                | 8-729-202-38 | s TRANSISTOR 2SC3326N         |
| Q904                | 8-729-202-38 | s TRANSISTOR 2SC3326N         |
| Q905                | 8-729-202-38 | s TRANSISTOR 2SC3326N         |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R13                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R14                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R15                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R16                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R17                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R19                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R20                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R21                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R23                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R24                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R27                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R28                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R29                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R30                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R101                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R102                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R103                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R106                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R107                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R108                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R111                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R112                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R113                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R114                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R115                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R116                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R117                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R118                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R119                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R124                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R125                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R126                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R127                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R128                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R129                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R130                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R131                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R132                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R133                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R134                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R135                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R136                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R137                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R138                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R139                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R141                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R143                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R144                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R145                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R146                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R148                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R149                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R150                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R151                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R152                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R153                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R154                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R155                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R156                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R157                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R158                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R159                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R160                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R161                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R162                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R163                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R164                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R165                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R166                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W    |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R171                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R172                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R205                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R206                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R207                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R210                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R211                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R212                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R215                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R216                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R218                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R219                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R301                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R303                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-216-295-91 | s RES, CHIP 0                 |
| R306                | 1-216-295-91 | s RES, CHIP 0                 |
| R315                | 1-216-295-91 | s RES, CHIP 0                 |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R318                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R319                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W  |
| R320                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R321                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W  |
|                     |              |                             |
| R322                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R325                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R326                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W  |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R328                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R329                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R330                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R331                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R333                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R334                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R335                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R336                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R337                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R338                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
|                     |              |                             |
| R404                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R411                | 1-216-295-91 | s RES, CHIP 0               |
| R416                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R428                | 1-216-295-91 | s RES, CHIP 0               |
| R429                | 1-216-295-91 | s RES, CHIP 0               |
|                     |              |                             |
| R430                | 1-216-295-91 | s RES, CHIP 0               |
| R431                | 1-216-295-91 | s RES, CHIP 0               |
| R432                | 1-216-295-91 | s RES, CHIP 0               |
| R433                | 1-216-295-91 | s RES, CHIP 0               |
| R440                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
|                     |              |                             |
| R441                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R442                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R501                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R502                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R503                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
|                     |              |                             |
| R504                | 1-216-295-91 | s RES, CHIP 0               |
| R506                | 1-216-295-91 | s RES, CHIP 0               |
| R513                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R514                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W  |
| R515                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
|                     |              |                             |
| R516                | 1-216-091-00 | s METAL, CHIP 56k 5% 1/10W  |
| R517                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R518                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R519                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R522                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W  |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R524                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R525                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R526                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
|                     |              |                             |
| R527                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R528                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R529                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R530                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R531                | 1-216-295-91 | s RES, CHIP 0               |
|                     |              |                             |
| R532                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R555                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R556                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R557                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |

(DA-119 BOARD; Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R558                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R581                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R582                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R583                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R584                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
|                     |              |                               |
| R585                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R586                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R601                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R602                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R603                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
|                     |              |                               |
| R604                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R605                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W  |
| R606                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W  |
| R607                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R608                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
|                     |              |                               |
| R609                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R610                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R611                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R612                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R613                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
|                     |              |                               |
| R614                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R615                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R616                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R617                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R618                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
|                     |              |                               |
| R619                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R620                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R621                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R622                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R623                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
|                     |              |                               |
| R624                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R625                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R626                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R627                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R628                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
|                     |              |                               |
| R629                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R630                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R631                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R632                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R633                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
|                     |              |                               |
| R635                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R637                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R638                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R639                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R640                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
|                     |              |                               |
| R641                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R642                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R645                | 1-220-242-11 | s METAL, CHIP 22 5% 1/4W      |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R649                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
|                     |              |                               |
| R701                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R702                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R703                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R704                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R705                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W  |
|                     |              |                               |
| R706                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W  |
| R707                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R708                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R709                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |





(DA-119 BOARD; Suffix -11)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R948                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R949                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| RB101               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB203               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB301               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB302               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB401               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB402               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB403               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB404               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB405               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB406               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB407               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB408               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB409               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB410               | 1-239-389-11 | s RESISTOR BLOCK, CHIP 47k x 4 |
| RB501               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8 |
| RB502               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB503               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB504               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB505               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB551               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB552               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV601               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV701               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV801               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RV901               | 1-241-264-11 | s RES, ADJ, METAL 10k          |
| RY601               | 1-515-716-11 | s RELAY                        |
| RY701               | 1-515-716-11 | s RELAY                        |
| RY801               | 1-515-716-11 | s RELAY                        |
| RY901               | 1-515-716-11 | s RELAY                        |

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 DUS-101 BOARD  
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 Ref. No.  
or Q'ty Part No. SP Description

The IO-149/A board has the DUS-101 board, depending on the product serial numbers, as shown below:

Serial number; 10001 through 10430 (For DSR-80 J)  
 Serial number; 10001 through 10470 (For DSR-80 UC)  
 Serial number; 10001 through 10320 (For DSR-80P CE)

1pc A-8316-077-A o MOUNTED CIRCUIT BOARD, DUS-101

|    |              |                                |
|----|--------------|--------------------------------|
| C1 | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V   |
| C2 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C3 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C4 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

D1 8-719-941-09 s DIODE DAP202U

|     |              |                 |
|-----|--------------|-----------------|
| IC1 | 8-759-032-01 | s IC MC74HC00AF |
| IC2 | 8-759-032-23 | s IC MC74HC74AF |

|    |              |                            |
|----|--------------|----------------------------|
| R1 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R2 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W |

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 DUS-108 BOARD  
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 Ref. No.  
or Q'ty Part No. SP Description

The DA-119 board has the DUS-108 board, depending on the product serial numbers, as shown below:

Serial number; 10001 through 10430 (For DSR-80 J)  
 Serial number; 10001 through 10470 (For DSR-80 UC)  
 Serial number; 10001 through 10320 (For DSR-80P CE)

1pc A-8316-289-A s MOUNTED CIRCUIT BOARD, DUS-108

|    |              |                               |
|----|--------------|-------------------------------|
| C1 | 1-109-994-11 | s CERAMIC, CHIP 2.2uF 10% 10V |
| C2 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V   |
| C3 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C4 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |
| C5 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V |

C6 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

|     |              |                       |
|-----|--------------|-----------------------|
| IC1 | 8-759-329-61 | s IC SN74LS123NS-E05  |
| IC2 | 8-759-050-92 | s IC SN74HC164APW-E05 |
| IC3 | 8-759-049-58 | s IC SN74HC04APW-E05  |
| IC4 | 8-759-049-56 | s IC SN74HC02APW-E05  |
| IC5 | 8-759-049-98 | s IC SN74HC74APW-E05  |

IC6 8-759-050-92 s IC SN74HC164APW-E05

|    |              |                               |
|----|--------------|-------------------------------|
| R1 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R2 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R3 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R5 | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R6 | 1-218-760-11 | s METAL, CHIP 220k 0.5% 1/10W |

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DUS-131 BOARD  
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Ref. No.  
or Q'ty Part No. SP Description

The RP-101 board has the DUS-131 board, depending on the product serial numbers, as shown below:

Serial number; 10431 through 10780 (For DSR-80 J)  
Serial number; 10471 through 11750 (For DSR-80 UC)  
Serial number; 10321 through 11470 (For DSR-80P CE)

C1001 1-104-851-11 s TANTALUM, CHIP 10uF 20% 10V  
C1002 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

IC1001 8-759-196-97 s IC TC7SH32FU-TE85R

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DV-15/15A BOARD; Suffix -13, 14  
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Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -13 and -14.

1pc A-8315-282-A s MOUNTED CIRCUIT BOARD, DV-15

[For NTSC]

1pc A-8315-301-A s MOUNTED CIRCUIT BOARD, DV-15A

[For PAL]

1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD

C11 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C13 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C14 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-163-222-11 s CERAMIC, CHIP 5pF 50V  
C102 1-163-222-11 s CERAMIC, CHIP 5pF 50V  
C103 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C104 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C105 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C106 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C107 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C108 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C109 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

C110 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C111 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C112 1-135-179-21 s TANTALUM, CHIP 2.2uF 10% 16V  
C113 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C114 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C115 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C116 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C117 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C118 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C119 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C120 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C121 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C122 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C123 1-135-179-21 s TANTALUM, CHIP 2.2uF 10% 16V  
C124 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C151 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C152 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C153 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C154 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C155 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C201 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C202 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C203 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C204 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C205 1-126-401-11 s ELECT, CHIP 1uF 20% 50V  
C206 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C208 1-164-182-11 s CERAMIC, CHIP 0.0033uF 10% 100V  
C210 1-164-182-11 s CERAMIC, CHIP 0.0033uF 10% 100V  
C211 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V

(DV-15/15A BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                           |
|---------------------|--------------|--|
| C212                | 1-104-912-11 | s TANTALUM, CHIP 3.3uF 20% 16V           |
| C213                | 1-163-089-00 | s CERAMIC, CHIP 6pF 50V                  |
| C214                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V             |
| C215                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V              |
| C216                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C217                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V             |
| C218                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C230                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C231                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C240                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C241                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]     |
| C243                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V [For NTSC]    |
| C246                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]     |
| C247                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]     |
| C248                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V[For NTSC]    |
| C249                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V[For NTSC]    |
| C250                | 1-135-190-21 | s TANTALUM, CHIP 0.1uF 20% 20V[For NTSC] |
| C251                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V               |
| C252                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V               |
| C253                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C254                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C255                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V [For NTSC]    |
| C256                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V            |
| C257                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V            |
| C258                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V            |
| C259                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V            |
| C260                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C261                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V              |
| C262                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C263                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V              |
| C264                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C265                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V             |
| C266                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C269                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C270                | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V          |
| C273                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V             |
| C276                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V               |
| C278                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C279                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C281                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C282                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C283                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V             |
| C284                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C285                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V              |
| C286                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C287                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C289                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C290                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C291                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V           |
| C292                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C293                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C294                | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V          |
| C298                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C299                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C300                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C301                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V               |
| C302                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |
| C304                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C305                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C311                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C312                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C315                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C316                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C317                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C319                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C320                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C321                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C328                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V  |
| C330                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C352                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C353                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C355                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C356                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C357                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C358                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C359                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C360                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C401                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C402                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C403                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C404                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C405                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C406                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C407                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C408                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C409                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C410                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C411                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C412                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C413                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C414                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C415                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C416                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C417                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C418                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C419                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V  |
| C420                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V  |
| C421                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C422                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C451                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C452                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C453                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C454                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C455                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C456                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C457                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C458                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |
| C459                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                       |
|---------------------|--------------|--------------------------------------|
| C460                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V           |
| C461                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C462                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C463                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C501                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C503                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C504                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C505                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C506                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C507                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C508                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C509                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V           |
| C510                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C512                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C513                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C514                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C515                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C516                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C517                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C518                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C519                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C551                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C552                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V           |
| C553                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C554                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C555                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C556                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C557                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C559                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C560                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C561                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C562                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C563                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C565                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C566                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C567                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C568                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C569                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C570                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V            |
| C572                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C573                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C575                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C576                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| D101                | 8-719-041-39 | s DIODE KV1470                       |
| D102                | 8-719-027-95 | s DIODE HSM88WK                      |
| D103                | 8-719-041-39 | s DIODE KV1470                       |
| D104                | 8-719-027-95 | s DIODE HSM88WK                      |
| D151                | 8-719-941-04 | s DIODE SB007-03CP                   |
| D201                | 8-719-041-39 | s DIODE KV1470                       |
| D251                | 8-719-941-04 | s DIODE SB007-03CP                   |
| D252                | 8-719-941-04 | s DIODE SB007-03CP                   |
| D253                | 8-719-941-04 | s DIODE SB007-03CP                   |
| FL251               | 1-233-314-11 | s FILTER, NOISE, CHIP                |
| FL351               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP          |
| FL352               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP          |
| FL353               | 1-239-719-11 | s FILTER, NOISE, CHIP                |
| FL354               | 1-239-719-11 | s FILTER, NOISE, CHIP                |
| FL451               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| FL452               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP    |
| FL453               | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP    |
| FL501               | 1-233-314-11 | s FILTER, NOISE, CHIP          |
| IC11                | 8-759-157-17 | s IC PQ05SZ1U                  |
| IC101               | 8-752-375-05 | s IC CXD2191R-T6               |
| IC102               | 8-752-375-05 | s IC CXD2191R-T6               |
| IC103               | 8-759-186-63 | s IC TC74VHC245F(EL)           |
| IC151               | 8-759-186-39 | s IC TC74VHC74F(EL)            |
| IC152               | 8-759-186-77 | s IC TC74VHC541F               |
| IC154               | 8-759-186-77 | s IC TC74VHC541F               |
| IC201               | 8-759-198-63 | s IC S-81230SG-QB-T1           |
| IC202               | 8-759-343-09 | s IC CXD2193AR-ER              |
| IC204               | 8-759-186-51 | s IC TC74VHC157FS(EL)          |
| IC205               | 8-759-349-01 | s IC MC68HC68VBI FB [For NTSC] |
| IC206               | 8-759-081-48 | s IC TC74VHC08F                |
| IC207               | 8-759-081-44 | s IC TC74VHC04F                |
| IC240               | 8-759-082-61 | s IC TC4W53FU                  |
| IC251               | 8-759-702-02 | s IC NJM062M                   |
| IC252               | 8-759-186-39 | s IC TC74VHC74F(EL)            |
| IC253               | 8-759-702-02 | s IC NJM062M                   |
| IC256               | 8-759-447-90 | s IC TLC5733AIPM               |
| IC257               | 8-752-376-32 | s IC CXD2310AR-T4              |
| IC261               | 8-759-927-18 | s IC SN74HCT541ANS             |
| IC262               | 8-759-457-61 | s IC CXD8628BR                 |
| IC264               | 8-759-927-18 | s IC SN74HCT541ANS             |
| IC280               | 8-759-929-26 | s IC TL431CPS                  |
| IC301               | 8-759-327-31 | s IC CXD2183R                  |
| IC302               | 8-752-378-68 | s IC CXD3101R [For PAL]        |
| IC303               | 8-759-328-28 | s IC ZA4024                    |
| IC304               | 8-759-426-26 | s IC CXD8608R                  |
| IC305               | 8-759-328-28 | s IC ZA4024                    |
| IC351               | 8-759-186-63 | s IC TC74VHC245F(EL)           |
| IC352               | 8-759-186-63 | s IC TC74VHC245F(EL)           |
| IC353               | 8-759-337-30 | s IC UPD482445LGW-B10-E2       |
| IC354               | 8-759-385-90 | s IC CXD2187AR                 |
| IC355               | 8-759-186-63 | s IC TC74VHC245F(EL)           |
| IC356               | 8-759-186-63 | s IC TC74VHC245F(EL)           |
| IC401               | 8-759-175-27 | s IC TC74VHC574F               |
| IC402               | 8-759-175-27 | s IC TC74VHC574F               |
| IC403               | 8-759-175-27 | s IC TC74VHC574F               |
| IC404               | 8-759-175-27 | s IC TC74VHC574F               |
| IC405               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC406               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC407               | 8-759-186-77 | s IC TC74VHC541F               |
| IC408               | 8-759-186-77 | s IC TC74VHC541F               |
| IC409               | 8-759-447-98 | s IC CXD8627AR                 |
| IC410               | 8-759-196-97 | s IC TC7SH32FU-TE85R           |
| IC411               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC412               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC413               | 8-759-186-77 | s IC TC74VHC541F               |
| IC414               | 8-759-186-77 | s IC TC74VHC541F               |
| IC415               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC416               | 8-759-167-20 | s IC UPD42280GU-30             |
| IC417               | 8-759-186-77 | s IC TC74VHC541F               |
| IC418               | 8-759-186-77 | s IC TC74VHC541F               |
| IC451               | 8-759-337-30 | s IC UPD482445LGW-B10-E2       |
| IC452               | 8-759-385-90 | s IC CXD2187AR                 |
| IC453               | 8-759-186-63 | s IC TC74VHC245F(EL)           |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |            |
|---------------------|----------------|-----------------------------|------------|
| IC454               | 8-759-186-63   | s IC TC74VHC245F(EL)        |            |
| IC455               | 8-759-186-63   | s IC TC74VHC245F(EL)        |            |
| IC456               | 8-759-081-42   | s IC TC74VHC00F             |            |
| IC501               | 8-759-328-28   | s IC ZA4024                 |            |
| IC502               | 8-759-426-26   | s IC CXD8608R               |            |
| IC503               | 8-759-328-28   | s IC ZA4024                 |            |
| IC504               | 8-752-378-68   | s IC CXD3101R               |            |
| IC505               | 8-759-327-31   | s IC CXD2183R               | [For PAL]  |
| IC551               | 8-759-457-61   | s IC CXD8628BR              |            |
| IC552               | 8-759-382-18   | s IC CXD2182AR              | [For NTSC] |
| IC553               | 8-759-186-39   | s IC TC74VHC74F(EL)         | [For NTSC] |
| IC554               | 8-759-186-39   | s IC TC74VHC74F(EL)         | [For NTSC] |
| IC557               | 8-759-081-42   | s IC TC74VHC00F             | [For NTSC] |
| IC558               | 8-759-186-84   | s IC TC74VHC86F(EL)         | [For NTSC] |
| IC559               | 8-759-081-48   | s IC TC74VHC08F             |            |
| IC560               | 8-759-186-63   | s IC TC74VHC245F(EL)        |            |
| IC562               | 8-759-186-63   | s IC TC74VHC245F(EL)        |            |
| IC563               | 8-759-186-51   | s IC TC74VHC157FS(EL)       |            |
| IC564               | 8-759-186-51   | s IC TC74VHC157FS(EL)       |            |
| L11                 | 1-412-364-11   | s FILTER, NOISE, CHIP       |            |
| L101                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L102                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L103                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L104                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L105                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L151                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L153                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L201                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L202                | 1-410-378-11   | s INDUCTOR, CHIP 5.6uH      |            |
| L203                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L242                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L251                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L252                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L253                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L254                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L255                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L303                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L351                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L352                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L353                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L401                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L402                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| L451                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L452                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L502                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L551                | 1-410-740-31   | s INDUCTOR, CHIP 0.82uH     |            |
| L553                | 1-410-381-11   | s INDUCTOR, CHIP 10uH       |            |
| PS11                | ▲ 1-533-282-21 | s LINK, IC, CHIP 2A         |            |
| PS12                | ▲ 1-533-282-21 | s LINK, IC, CHIP 2A         |            |
| PS13                | ▲ 1-576-124-11 | s LINK, IC, CHIP 1A         |            |
| PS14                | ▲ 1-576-124-11 | s LINK, IC, CHIP 1A         |            |
| Q201                | 1-801-806-11   | s TRANSISTOR DTC144EKA-T146 |            |
| Q202                | 8-729-027-38   | s TRANSISTOR DTA144EKA-T146 |            |
| Q241                | 8-729-117-32   | s TRANSISTOR 2SC4177        | [For NTSC] |
| Q250                | 8-729-026-55   | s TRANSISTOR FMY4A-T148     |            |
| Q251                | 8-729-140-63   | s TRANSISTOR 2SA1611-M5M6   | [For NTSC] |
| Q252                | 8-729-117-32   | s TRANSISTOR 2SC4177        | [For NTSC] |
| Q253                | 8-729-026-55   | s TRANSISTOR FMY4A-T148     |            |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |            |
|---------------------|--------------|---------------------------------------|------------|
| Q254                | 8-729-117-32 | s TRANSISTOR 2SC4177                  |            |
| Q255                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6             |            |
| Q256                | 8-729-117-32 | s TRANSISTOR 2SC4177                  |            |
| Q258                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6             |            |
| Q301                | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146           |            |
| Q551                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146[For NTSC] |            |
| Q552                | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146[For NTSC] |            |
| R101                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |            |
| R102                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R103                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R104                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |            |
| R105                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R106                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |            |
| R107                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R108                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |            |
| R109                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |            |
| R110                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |            |
| R111                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R112                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |            |
| R113                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R114                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |            |
| R115                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R116                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R152                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R153                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R154                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R161                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R162                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R166                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R201                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R202                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R204                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |            |
| R205                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R206                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R207                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |            |
| R208                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R209                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R210                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |            |
| R211                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R212                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R213                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R214                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R215                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R216                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |            |
| R217                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R218                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R220                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R221                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |            |
| R222                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R223                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |            |
| R224                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R225                | 1-216-295-91 | s RES, CHIP 0                         |            |
| R226                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |            |
| R227                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W          |            |
| R231                | 1-216-295-91 | s RES, CHIP 0                         | [For NTSC] |

(DV-15/15A BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                         |
|---------------------|--------------|--|
| R233                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W             |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R241                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W [For NTSC]  |
| R244                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W [For NTSC] |
| R245                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R246                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R250                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W              |
| R251                | 1-216-295-91 | s RES, CHIP 0                          |
| R252                | 1-216-295-91 | s RES, CHIP 0                          |
| R253                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W          |
|                     |              | [For NTSC]                             |
| R254                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W          |
|                     |              | [For NTSC]                             |
| R255                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R256                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R257                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W              |
| R258                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W            |
| R259                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W              |
| R260                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W [For NTSC]  |
| R261                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R262                | 1-216-295-91 | s RES, CHIP 0                          |
| R263                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W [For NTSC]  |
| R264                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R265                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R266                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R267                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W              |
| R268                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R269                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R270                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W             |
| R271                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W             |
| R272                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R273                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R274                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W             |
| R281                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W             |
| R284                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W             |
| R289                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W           |
| R290                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W           |
| R292                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R293                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W           |
| R294                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W           |
| R295                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W             |
| R296                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R297                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R298                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R311                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W [For NTSC]  |
| R312                | 1-216-295-91 | s RES, CHIP 0 [For NTSC]               |
| R351                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R354                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W             |
| R356                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W             |
| R357                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R358                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R359                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R364                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R366                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R401                | 1-216-295-91 | s RES, CHIP 0                          |
| R403                | 1-216-295-91 | s RES, CHIP 0                          |

(DV-15/15A BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R408                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R451                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R452                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R453                | 1-216-295-91 | s RES, CHIP 0                         |
| R454                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R461                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R462                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R463                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R512                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R556                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R557                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R558                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R560                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R561                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R575                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W [For NTSC] |
| R576                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W [For NTSC] |
| RB101               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8        |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB151               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB152               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB153               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB201               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB202               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB203               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB204               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8        |
| RB251               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB301               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
|                     |              | [For NTSC]                            |
| RB302               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
|                     |              | [For NTSC]                            |
| RB354               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB355               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB356               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB451               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB452               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB453               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB454               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB455               | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47k x 8        |
| RB456               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB457               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB458               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB501               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
|                     |              | [For NTSC]                            |
| RB502               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
|                     |              | [For NTSC]                            |
| RB551               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB552               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB553               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB554               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB555               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |
| RB556               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4        |

(DV-15/15A BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| RV201               | 1-241-264-11 | s RES, ADJ, METAL 10k       |
| X101                | 1-760-654-21 | s CRYSTAL, CHIP 13.50MHz    |
| X241                | 1-579-466-11 | s CRYSTAL, CHIP 3.579545MHz |

[For NTSC]

DV-15/15A BOARD; Suffix -11, 12

| Ref. No.<br>or Q'ty  | Part No. | SP Description |
|--|----------|----------------|
| This list corresponds to the board suffix numbers -11 and -12. |          |                |

1pc A-8315-282-A s MOUNTED CIRCUIT BOARD, DV-15

[For NTSC]

1pc A-8315-301-A s MOUNTED CIRCUIT BOARD, DV-15A

[For PAL]

1pc 7-621-759-45 s +PSW, 2.6x6

1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD

1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD

C11 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C13 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C14 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C101 1-163-222-11 s CERAMIC, CHIP 5pF 50V

C102 1-163-222-11 s CERAMIC, CHIP 5pF 50V

C103 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C104 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C105 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C106 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C107 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C108 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C109 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

C110 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C111 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C112 1-135-179-21 s TANTALUM, CHIP 2.2uF 10% 16V

C113 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V

C114 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C115 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C116 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C117 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C118 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C119 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C120 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

C121 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C122 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C123 1-135-179-21 s TANTALUM, CHIP 2.2uF 10% 16V

C124 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C151 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C152 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C153 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C154 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C155 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C201 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C202 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C203 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C204 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C205 1-126-401-11 s ELECT, CHIP 1uF 20% 50V

C206 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C208 1-164-182-11 s CERAMIC, CHIP 3300pF 10% 100V

C210 1-164-182-11 s CERAMIC, CHIP 3300pF 10% 100V

C211 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                         |
|---------------------|--------------|--|
| C212                | 1-104-912-11 | s TANTALUM, CHIP 3.3uF 20% 16V         |
| C213                | 1-163-089-00 | s CERAMIC, CHIP 6pF 50V                |
| C214                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V           |
| C215                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V            |
| C216                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C217                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V           |
| C218                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C240                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C241                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]   |
| C242                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V           |
|                     |              | [For NTSC]                             |
| C243                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V [For NTSC]  |
| C244                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]   |
| C246                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]   |
| C247                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V [For NTSC]   |
| C248                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V [For NTSC] |
| C249                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V [For NTSC] |
| C250                | 1-135-190-21 | s TANTALUM, CHIP 0.1uF 10% 20V         |
|                     |              | [For NTSC]                             |
| C251                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C252                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C253                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C254                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C255                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V [For NTSC]  |
| C256                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V          |
| C257                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V          |
| C258                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V          |
| C259                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V          |
| C261                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V            |
| C263                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V            |
| C269                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C270                | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V        |
| C272                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C273                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C275                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C276                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C277                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C278                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C279                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C280                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C281                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C282                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C283                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V           |
| C284                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C285                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V            |
| C286                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C287                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C288                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V             |
| C289                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C290                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C291                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C292                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C293                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C294                | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V        |
| C295                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C296                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C297                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| C298                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C299                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C300                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C301                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C302                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C304                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C311                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C312                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C315                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C316                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C317                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C319                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C320                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C321                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C323                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C325                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C328                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V |
| C330                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C351                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C352                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C353                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C355                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C356                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C357                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C358                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C359                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C360                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C401                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C402                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C403                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C404                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C405                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C406                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C407                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C408                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C409                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C410                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C411                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C412                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C413                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C414                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C415                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C416                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C417                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C418                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C419                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C420                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V |
| C421                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C422                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C451                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C452                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |
| C453                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V  |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                     |
|---------------------|----------------|------------------------------------|
| C454                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C455                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C456                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C457                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V          |
| C458                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C459                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C460                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V           |
| C461                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C462                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C463                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C501                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C503                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C504                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C505                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C506                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C507                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C508                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C509                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V           |
| C510                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C512                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C513                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C516                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C517                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C518                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C551                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C552                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V           |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C554                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C555                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C556                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C557                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C559                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C560                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C561                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C562                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C563                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V [For NTSC] |
| C565                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C566                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C567                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C568                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C569                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C570                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C571                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C572                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C573                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C575                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| C576                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V            |
| D101                | 8-719-041-39 s | DIODE KV1470                       |
| D102                | 8-719-027-95 s | DIODE HSM88WK                      |
| D103                | 8-719-041-39 s | DIODE KV1470                       |
| D104                | 8-719-027-95 s | DIODE HSM88WK                      |
| D151                | 8-719-941-04 s | DIODE SB007-03CP                   |
| D201                | 8-719-041-39 s | DIODE KV1470                       |
| D251                | 8-719-941-04 s | DIODE SB007-03CP                   |
| D252                | 8-719-941-04 s | DIODE SB007-03CP                   |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| FB351               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP   |
| FB352               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP   |
| FL451               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP   |
| FL452               | 1-233-674-21 s | FILTER BLOCK, NOISE, CHIP   |
| FL501               | 1-233-314-11 s | FILTER, NOISE CHIP          |
| IC11                | 8-759-157-17 s | IC PQ05SZ1U                 |
| IC101               | 8-752-375-05 s | IC CXD2191R-T6              |
| IC102               | 8-752-375-05 s | IC CXD2191R-T6              |
| IC103               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC151               | 8-759-186-39 s | IC TC74VHC74F(EL)           |
| IC152               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC154               | 8-759-186-77 s | IC TC74VHC541F              |
| IC201               | 8-759-198-63 s | IC S-81230SG-QB-T1          |
| IC202               | 8-759-343-09 s | IC CXD2193AR-ER             |
| IC203               | 8-759-081-42 s | IC TC74VHC00F               |
| IC204               | 8-759-186-51 s | IC TC74VHC157F              |
| IC205               | 8-759-349-01 s | IC MC68HC68VBIFB [For NTSC] |
| IC240               | 8-759-082-61 s | IC TC4W53FU                 |
| IC251               | 8-759-702-02 s | IC NJM062M                  |
| IC252               | 8-759-186-39 s | IC TC74VHC74F(EL)           |
| IC255               | 8-759-929-26 s | IC TL431CPS                 |
| IC256               | 8-759-447-90 s | IC TLC5733AIPM              |
| IC257               | 8-752-376-32 s | IC CXD2310AR-T4             |
| IC258               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC259               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC260               | 8-759-186-69 s | IC TC74VHC367F(EL)          |
| IC261               | 8-759-927-18 s | IC SN74HCT541NS             |
| IC262               | 8-759-457-61 s | IC CXD8628BR                |
| IC263               | 8-759-081-44 s | IC TC74VHC04F               |
| IC264               | 8-759-927-18 s | IC SN74HCT541NS             |
| IC280               | 8-759-929-26 s | IC TL431CPS                 |
| IC301               | 8-759-327-31 s | IC CXD2183R [For PAL]       |
| IC302               | 8-752-378-68 s | IC CXD3101R                 |
| IC303               | 8-759-328-28 s | IC ZA4024                   |
| IC304               | 8-759-426-26 s | IC CXD8608R                 |
| IC305               | 8-759-328-28 s | IC ZA4024                   |
| IC351               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC352               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC353               | 8-759-337-30 s | IC UPD482445LGW-B10-E2      |
| IC354               | 8-759-385-90 s | IC CXD2187AR                |
| IC355               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC356               | 8-759-186-63 s | IC TC74VHC245F(EL)          |
| IC401               | 8-759-175-27 s | IC TC74VHC574F              |
| IC402               | 8-759-175-27 s | IC TC74VHC574F              |
| IC403               | 8-759-175-27 s | IC TC74VHC574F              |
| IC404               | 8-759-175-27 s | IC TC74VHC574F              |
| IC405               | 8-759-167-20 s | IC UPD42280GU-30            |
| IC406               | 8-759-167-20 s | IC UPD42280GU-30            |
| IC407               | 8-759-186-77 s | IC TC74VHC541F              |
| IC408               | 8-759-186-77 s | IC TC74VHC541F              |
| IC409               | 8-759-447-98 s | IC CXD8627AR                |
| IC410               | 8-759-196-97 s | IC TC75H32FU-TE85R          |
| IC411               | 8-759-167-20 s | IC UPD42280GU-30            |
| IC412               | 8-759-167-20 s | IC UPD42280GU-30            |
| IC413               | 8-759-186-77 s | IC TC74VHC541F              |
| IC414               | 8-759-186-77 s | IC TC74VHC541F              |
| IC415               | 8-759-167-20 s | IC UPD42280GU-30            |
| IC416               | 8-759-167-20 s | IC UPD42280GU-30            |



(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| IC417               | 8-759-186-77 | s IC TC74VHC541F         |
| IC418               | 8-759-186-77 | s IC TC74VHC541F         |
| IC451               | 8-759-337-30 | s IC UPD482445LGW-B10-E2 |
| IC452               | 8-759-385-90 | s IC CXD2187AR           |
| IC453               | 8-759-186-63 | s IC TC74VHC245F(EL)     |

|       |              |                      |
|-------|--------------|----------------------|
| IC454 | 8-759-186-63 | s IC TC74VHC245F(EL) |
| IC455 | 8-759-186-63 | s IC TC74VHC245F(EL) |
| IC456 | 8-759-081-42 | s IC TC74VHC00F      |
| IC501 | 8-759-328-28 | s IC ZA4024          |
| IC502 | 8-759-426-26 | s IC CXD8608R        |

|       |              |                |            |
|-------|--------------|----------------|------------|
| IC503 | 8-759-328-28 | s IC ZA4024    |            |
| IC504 | 8-752-378-68 | s IC CXD3101R  |            |
| IC505 | 8-759-327-31 | s IC CXD2183R  | [For PAL]  |
| IC551 | 8-759-457-61 | s IC CXD8628BR |            |
| IC552 | 8-759-382-18 | s IC CXD2182AR | [For NTSC] |

|       |              |                     |            |
|-------|--------------|---------------------|------------|
| IC553 | 8-759-186-39 | s IC TC74VHC74F(EL) | [For NTSC] |
| IC554 | 8-759-186-39 | s IC TC74VHC74F(EL) | [For NTSC] |
| IC557 | 8-759-081-42 | s IC TC74VHC00F     | [For NTSC] |
| IC558 | 8-759-186-84 | s IC TC74VHC86F     | [For NTSC] |
| IC559 | 8-759-081-48 | s IC TC74VHC08F     |            |

|       |              |                      |
|-------|--------------|----------------------|
| IC560 | 8-759-186-63 | s IC TC74VHC245F(EL) |
| IC562 | 8-759-186-63 | s IC TC74VHC245F(EL) |
| IC563 | 8-759-186-51 | s IC TC74VHC157F     |
| IC564 | 8-759-186-51 | s IC TC74VHC157F     |

|      |              |                         |
|------|--------------|-------------------------|
| L11  | 1-412-364-11 | s INDUCTOR, CHIP 0uH    |
| L101 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L102 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L103 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L104 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |

|      |              |                       |
|------|--------------|-----------------------|
| L105 | 1-410-381-11 | s INDUCTOR, CHIP 10uH |
| L151 | 1-410-381-11 | s INDUCTOR, CHIP 10uH |
| L152 | 1-410-381-11 | s INDUCTOR, CHIP 10uH |
| L153 | 1-410-381-11 | s INDUCTOR, CHIP 10uH |
| L201 | 1-410-381-11 | s INDUCTOR, CHIP 10uH |

|      |              |                        |            |
|------|--------------|------------------------|------------|
| L202 | 1-410-378-11 | s INDUCTOR, CHIP 5.6uH |            |
| L203 | 1-410-381-11 | s INDUCTOR, CHIP 10uH  |            |
| L242 | 1-410-381-11 | s INDUCTOR, CHIP 10uH  | [For NTSC] |
| L251 | 1-410-381-11 | s INDUCTOR, CHIP 10uH  |            |
| L252 | 1-410-381-11 | s INDUCTOR, CHIP 10uH  |            |

|      |              |                         |
|------|--------------|-------------------------|
| L253 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L254 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L255 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L303 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L351 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |

|      |              |                         |
|------|--------------|-------------------------|
| L352 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L353 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L401 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L402 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L451 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |

|      |              |                         |
|------|--------------|-------------------------|
| L452 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L502 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L551 | 1-410-740-31 | s INDUCTOR, CHIP 0.82uH |
| L553 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |
| L554 | 1-410-381-11 | s INDUCTOR, CHIP 10uH   |

|      |                |                     |
|------|----------------|---------------------|
| PS11 | Δ 1-533-282-21 | s LINK, IC, CHIP 2A |
| PS12 | Δ 1-533-282-21 | s LINK, IC, CHIP 2A |
| PS13 | Δ 1-576-124-11 | s LINK, IC, CHIP 1A |
| PS14 | Δ 1-576-124-11 | s LINK, IC, CHIP 1A |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |            |
|---------------------|--------------|---------------------------|------------|
| Q241                | 8-729-117-32 | s TRANSISTOR 2SC4177      | [For NTSC] |
| Q242                | 8-729-117-32 | s TRANSISTOR 2SC4177      | [For NTSC] |
| Q250                | 8-729-026-55 | s TRANSISTOR FMY4A-T148   |            |
| Q251                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 | [For NTSC] |
| Q252                | 8-729-117-32 | s TRANSISTOR 2SC4177      | [For NTSC] |

|      |              |                             |            |
|------|--------------|-----------------------------|------------|
| Q253 | 8-729-026-55 | s TRANSISTOR FMY4A-T148     |            |
| Q258 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q301 | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |            |
| Q551 | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 | [For NTSC] |
| Q552 | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146 | [For NTSC] |

|      |              |                            |
|------|--------------|----------------------------|
| R11  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R14  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R15  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R19  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R101 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |

|      |              |                             |
|------|--------------|-----------------------------|
| R102 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R103 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R104 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R105 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R106 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |

|      |              |                            |
|------|--------------|----------------------------|
| R107 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R108 | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W  |
| R109 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W  |
| R110 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W |
| R111 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |

|      |              |                             |
|------|--------------|-----------------------------|
| R112 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R113 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R114 | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R115 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R116 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |

|      |              |                            |
|------|--------------|----------------------------|
| R151 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R152 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R153 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R154 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R161 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |

|      |              |                            |
|------|--------------|----------------------------|
| R162 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R163 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R166 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R201 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R202 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |

|      |              |                             |
|------|--------------|-----------------------------|
| R203 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R204 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R205 | 1-216-295-91 | s RES, CHIP 0               |
| R206 | 1-216-295-91 | s RES, CHIP 0               |
| R207 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |

|      |              |                            |
|------|--------------|----------------------------|
| R208 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R209 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R210 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R211 | 1-216-295-91 | s RES, CHIP 0              |
| R212 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |

|      |              |                            |
|------|--------------|----------------------------|
| R213 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R214 | 1-216-295-91 | s RES, CHIP 0              |
| R215 | 1-216-295-91 | s RES, CHIP 0              |
| R216 | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W  |
| R217 | 1-216-295-91 | s RES, CHIP 0              |

|      |              |                            |
|------|--------------|----------------------------|
| R218 | 1-216-295-91 | s RES, CHIP 0              |
| R220 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R221 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W |
| R222 | 1-216-295-91 | s RES, CHIP 0              |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                         |
|---------------------|----------------|--|
| R223                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                |
| R224                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W               |
| R225                | 1-216-295-91 s | RES, CHIP 0                            |
| R226                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W               |
| R227                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W             |
| R231                | 1-216-295-91 s | RES, CHIP 0 [For NTSC]                 |
| R241                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W [For NTSC]    |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W [For NTSC]     |
| R243                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W [For NTSC]    |
| R244                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W [For NTSC]   |
| R245                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R246                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                |
| R247                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W [For NTSC]     |
| R250                | 1-216-022-00 s | METAL, CHIP 75 5% 1/10W                |
| R251                | 1-216-295-91 s | RES, CHIP 0                            |
| R252                | 1-216-295-91 s | RES, CHIP 0                            |
| R253                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W [For NTSC] |
| R254                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W [For NTSC] |
| R255                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W              |
| R256                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W              |
| R257                | 1-216-001-00 s | METAL, CHIP 10 5% 1/10W                |
| R259                | 1-216-022-00 s | METAL, CHIP 75 5% 1/10W                |
| R260                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W [For NTSC]    |
| R261                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W              |
| R262                | 1-216-295-91 s | RES, CHIP 0                            |
| R263                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W [For NTSC]    |
| R264                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R265                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R266                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W              |
| R267                | 1-216-001-00 s | METAL, CHIP 10 5% 1/10W                |
| R269                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                |
| R272                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                |
| R273                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                |
| R281                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R282                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R284                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W             |
| R287                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R288                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                |
| R289                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W             |
| R290                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W             |
| R291                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W               |
| R292                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R293                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W             |
| R294                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W             |
| R295                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W             |
| R296                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R297                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R298                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R311                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W [For NTSC]    |
| R312                | 1-216-295-91 s | RES, CHIP 0                            |
| R351                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |
| R354                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W               |
| R356                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W               |
| R357                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W               |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                          |
|---------------------|----------------|---|
| R358                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R359                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R364                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R401                | 1-216-295-91 s | RES, CHIP 0                             |
| R403                | 1-216-295-91 s | RES, CHIP 0                             |
| R408                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                |
| R451                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                |
| R452                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                |
| R453                | 1-216-295-91 s | RES, CHIP 0                             |
| R454                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                |
| R459                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R460                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R461                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R462                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R463                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                |
| R512                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W [For NTSC]     |
| R556                | 1-216-295-91 s | RES, CHIP 0 [For PAL]                   |
| R557                | 1-216-295-91 s | RES, CHIP 0 [For PAL]                   |
| R558                | 1-216-295-91 s | RES, CHIP 0 [For PAL]                   |
| R560                | 1-216-295-91 s | RES, CHIP 0 [For PAL]                   |
| R561                | 1-216-295-91 s | RES, CHIP 0 [For PAL]                   |
| R575                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For NTSC]     |
| R576                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For NTSC]     |
| RB14                | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB15                | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB16                | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB20                | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB101               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8            |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB103               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB151               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB152               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB153               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB201               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB202               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB203               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB204               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8            |
| RB251               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB301               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 [For NTSC] |
| RB302               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4 [For NTSC] |
| RB354               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB355               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB356               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB357               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB451               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB452               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB453               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB454               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB455               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8            |
| RB456               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB457               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB458               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |
| RB459               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4            |

(DV-15/15A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                             |
|---------------------|----------------|--|
| RB501               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4<br>[For NTSC] |
| RB502               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4<br>[For NTSC] |
| RB551               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RB552               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RB553               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RB554               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RB555               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RB556               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4               |
| RV201               | 1-241-264-11 s | RES, ADJ, METAL 10k                        |
| X101                | 1-760-654-21 s | CRYSTAL, CHIP 13.50MHz                     |
| X241                | 1-579-466-11 s | CRYSTAL, CHIP 3.579545MHz [For NTSC]       |

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FP-75 BOARD  
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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| 1pc                 | A-8277-913-A o | MOUNTED CIRCUIT BOARD, FP-75  |
| C1                  | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| CN724               | 1-573-397-11 s | CONNECTOR, FPC 11P            |
| D1                  | 8-719-024-81 s | DIODE 1SS300-TE85L            |
| D2                  | 8-719-024-81 s | DIODE 1SS300-TE85L            |
| D3                  | 8-719-024-81 s | DIODE 1SS300-TE85L            |
| D4                  | 8-719-024-81 s | DIODE 1SS300-TE85L            |
| D5                  | 8-719-024-81 s | DIODE 1SS300-TE85L            |
| R1                  | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| R2                  | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| RV1                 | 1-237-695-11 s | RES, VAR CARBON 5k            |
| RV2                 | 1-237-695-11 s | RES, VAR CARBON 5k            |
| S1                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S2                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S3                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S4                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S5                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S6                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S7                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S8                  | 1-571-977-11 s | SWITCH, PUSH                  |
| S9                  | 1-762-234-11 s | SWITCH, SLIDE                 |
| S10                 | 1-571-640-11 s | SWITCH, SLIDE                 |

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HP-73 BOARD  
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| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| 1pc                 | A-8277-912-A o | MOUNTED CIRCUIT BOARD, HP-73 |
| CN731               | 1-506-477-11 s | CONNECTOR 12P, MALE          |
| CN733               | 1-506-468-11 s | CONNECTOR 3P, MALE           |
| JW1                 | 1-219-202-11 s | RES 0                        |

IO-149/149A BOARD; Suffix -14

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -14.

1pc A-8315-283-A s MOUNTED CIRCUIT BOARD, IO-149

[For NTSC]

1pc A-8315-293-A s MOUNTED CIRCUIT BOARD, IO-149A

[For PAL]

1pc 7-621-759-45 s +PSW, 2.6x6

1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD

1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD

C1 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C2 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C3 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C4 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C5 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C6 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C11 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C13 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C14 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C21 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C23 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C25 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C31 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C33 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C35 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C37 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C39 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C101 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C102 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C103 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C106 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C108 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V

C109 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C110 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C111 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C112 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C113 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C114 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C115 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C116 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C117 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C118 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

(IO-149/149A BOARD; Suffix -14)

Ref. No.  
or Q'ty Part No. SP Description

C119 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

C120 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C121 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C122 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C123 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C124 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C125 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C126 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C127 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C128 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C129 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C130 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C131 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C132 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C133 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

C134 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C135 1-126-394-11 s ELECT, CHIP 10uF 20% 16V

C136 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C137 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C138 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C139 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C140 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C141 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C142 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C143 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C144 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C145 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C146 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C147 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C148 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C149 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C150 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C151 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C152 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C153 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C154 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V

C155 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C157 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C158 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C159 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C160 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C161 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C162 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C163 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C164 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C165 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C166 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C167 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C168 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C169 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C170 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C171 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C172 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C173 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C174 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C175 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C176 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C177 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C190                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V           |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C213                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V           |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C220                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V[For NTSC] |
| C220                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V[For PAL] |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C223                | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C223                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V[For PAL] |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C225                | 1-163-224-11 | s CERAMIC, CHIP 7pF 0.25pF 50V        |
| [For NTSC]          |              |                                       |
| C225                | 1-163-087-00 | s CERAMIC, CHIP 4pF 50V [For PAL]     |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C227                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V [For PAL] |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C311                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C311                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C319                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C319                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C334                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V               |
| [For NTSC]          |              |                                       |
| C334                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V [For PAL]     |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C344                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C344                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C345                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C345                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V [For PAL] |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V[For NTSC] |
| C362                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V               |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C388                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V           |
| C501                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C501                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V           |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V            |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C516                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| [For NTSC]          |                |                                     |
| C516                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C517                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V        |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V          |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V       |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C546                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V [For PAL] |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C606                | 1-126-404-11 s | ELECT, CHIP 4.7uF 20% 50V           |
| C607                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V        |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C611                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| [For NTSC]          |                |                                     |
| C611                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V         |
| [For PAL]           |                |                                     |
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C613                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C613                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C614                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C615                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V           |
| C616                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V        |
| C617                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V          |
| C618                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V        |
| C619                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C620                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C621                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C625                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C626                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C627                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C628                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C629                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C631                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C632                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C633                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C634                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C635                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C636                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C637                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C638                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C639                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C639                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V [For PAL] |
| C640                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C641                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C642                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C644                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C645                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V            |
| C646                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C647                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C648                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C649                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C650                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V            |
| C651                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C652                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C652                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C653                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C653                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C654                | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C654                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C655                | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C655                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C656                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C656                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C657                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C657                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C658                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C659                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C660                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C661                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C662                | 1-102-110-00 | s CERAMIC 220pF 10% 50V               |
| C663                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V          |
| C701                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C702                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C703                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C704                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C705                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C706                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C707                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C708                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C709                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C710                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C711                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C712                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C713                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C714                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V      |
| C715                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C716                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C717                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C718                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C719                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C720                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C721                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C722                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C724                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C725                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C726                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C727                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C728                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C729                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C730                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C731                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C732                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C733                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C735                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V       |
| C736                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C737                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C739                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C742                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C745                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C746                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C748                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C749                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C750                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C751                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C753                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C755                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C901                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C902                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C903                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C904                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C905                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C906                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C907                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C908                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C909                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C911                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C914                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |

[For NTSC]

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C915                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C916                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C917                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C918                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C919                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C920                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C921                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C922                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C923                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C924                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C925                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C926                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C927                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C928                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C929                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C930                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C931                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C932                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C933                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C934                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C935                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C936                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C937                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C938                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C939                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C940                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C941                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C942                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C943                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C943                | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V [For PAL] |
| C945                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C946                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C947                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C948                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C949                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C950                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C951                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C952                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C953                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C953                | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V [For PAL] |
| C955                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C956                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C957                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C961                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C962                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C965                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C966                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C967                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C968                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C969                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C970                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C971                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C972                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C973                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C980                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C981                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
| C982                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C983                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C984                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C987                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C1001               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C1002               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1003               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1004               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1005               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C1006               | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V           |
| C1007               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1008               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1009               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1010               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V           |
| C1011               | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V[For NTSC] |
| C1011               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V [For PAL] |
| C1012               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C1013               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1014               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1015               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1016               | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V          |
|                     |                | [For NTSC]                          |
| C1016               | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C1017               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1018               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1019               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1020               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1021               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1022               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V           |
| C1023               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V           |
| C1024               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1025               | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C1026               | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1027               | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1028               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C1029               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1030               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1031               | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C1032               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1033               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1034               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1035               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1036               | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V          |
| C1037               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V           |
| C1038               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1039               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1040               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1041               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C1042               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1043               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1044               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1045               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V           |
| C1046               | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C1047               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V           |
| C1048               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C1049               | 1-163-102-00 s | CERAMIC, CHIP 24pF 5% 50V           |
| C1050               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V           |
| C1051               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1052               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C1053               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C1054               | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V           |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C1055               | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C1056               | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C1057               | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V        |
| C1058               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1059               | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C1060               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1061               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1062               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1063               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1064               | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1065               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1066               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1067               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1068               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1069               | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C1070               | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V          |
|                     |              | [For NTSC]                            |
| C1070               | 1-163-131-00 | s CERAMIC, CHIP 390pF 5% 50V[For PAL] |
| C1071               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V           |
| C1072               | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C1073               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1074               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1075               | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C1076               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1078               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1079               | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V        |
| C1080               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1081               | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V          |
| C1082               | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |
| C1083               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1084               | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V        |
| C1085               | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C1086               | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C1087               | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C1088               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1089               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1090               | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V        |
| C1091               | 1-164-222-11 | s CERAMIC 0.22uF 25V                  |
| C1092               | 1-164-222-11 | s CERAMIC 0.22uF 25V                  |
| C1093               | 1-164-222-11 | s CERAMIC 0.22uF 25V                  |
| C1094               | 1-164-222-11 | s CERAMIC 0.22uF 25V                  |
| C1095               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1096               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1097               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1098               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1099               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1100               | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |
| C1101               | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |
| CT601               | 1-141-345-11 | s CAP, TRIMMER, CHIP 40pF             |
| CT602               | 1-141-345-11 | s CAP, TRIMMER, CHIP 40pF             |
| CT1001              | 1-141-322-11 | s CAP, TRIMMER, CHIP 20pF             |
| D1                  | 8-719-941-04 | s DIODE SB007-03CP                    |
| D2                  | 8-719-941-04 | s DIODE SB007-03CP                    |
| D3                  | 8-719-053-18 | s DIODE 1SR154-400TE-25               |
| D4                  | 8-719-053-18 | s DIODE 1SR154-400TE-25               |
| D5                  | 8-719-053-18 | s DIODE 1SR154-400TE-25               |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description         |            |
|---------------------|----------------|------------------------|------------|
| D101                | 8-719-041-39   | s DIODE KV1470         |            |
| D102                | 8-719-041-39   | s DIODE KV1470         |            |
| D103                | 8-719-041-39   | s DIODE KV1470         |            |
| D104                | 8-719-941-23   | s DIODE DA204U         |            |
| D105                | 8-719-941-23   | s DIODE DA204U         |            |
| D106                | 8-719-989-08   | s DIODE RB717F         |            |
| D301                | 8-719-976-99   | s DIODE DTZ5.1B        |            |
| D302                | 8-719-941-23   | s DIODE DA204U         |            |
| D501                | 8-719-941-23   | s DIODE DA204U         |            |
| D601                | 8-719-002-81   | s DIODE 1T363          |            |
| D602                | 8-719-002-81   | s DIODE 1T363          |            |
| D701                | 8-719-941-23   | s DIODE DA204U         | [For NTSC] |
| D702                | 8-719-056-74   | s DIODE UDZ-TE-17-3.0B |            |
| D703                | 8-719-024-81   | s DIODE 1SS300-TE85L   |            |
| D901                | 8-719-941-04   | s DIODE SB007-03CP     |            |
| D902                | 8-719-024-81   | s DIODE 1SS300-TE85L   |            |
| D904                | 8-719-941-23   | s DIODE DA204U         |            |
| D905                | 8-719-941-23   | s DIODE DA204U         |            |
| D906                | 8-719-941-23   | s DIODE DA204U         |            |
| D1001               | 8-719-041-39   | s DIODE KV1470         |            |
| D1002               | 8-719-941-23   | s DIODE DA204U         | [For PAL]  |
| D1003               | 8-719-941-23   | s DIODE DA204U         | [For PAL]  |
| D1004               | 8-719-002-81   | s DIODE 1T363          |            |
| D1005               | 8-719-941-23   | s DIODE DA204U         |            |
| D1006               | 8-719-941-23   | s DIODE DA204U         |            |
| D1007               | 8-719-941-23   | s DIODE DA204U         | [For PAL]  |
| D1008               | 8-719-024-81   | s DIODE 1SS300-TE85L   |            |
| D1009               | 8-719-024-81   | s DIODE 1SS300-TE85L   |            |
| F1                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |            |
| F2                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |            |
| F3                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |            |
| F4                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |            |
| F5                  | △ 1-576-124-11 | s LINK, IC, CHIP 1A    |            |
| F6                  | △ 1-533-282-21 | s LINK, IC, CHIP 2A    |            |
| FB800               | 1-543-309-21   | s BEAD, FERRITE        |            |
| FL101               | 1-233-598-11   | s FILTER, LOW-PASS     | [For NTSC] |
| FL101               | 1-233-599-11   | s FILTER, LOW-PASS     | [For PAL]  |
| FL102               | 1-233-598-11   | s FILTER, LOW-PASS     | [For NTSC] |
| FL102               | 1-233-599-11   | s FILTER, LOW-PASS     | [For PAL]  |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS     |            |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS     |            |
| FL701               | 1-233-614-11   | s FILTER, LOW-PASS     |            |
| FL901               | 1-233-614-11   | s FILTER, LOW-PASS     |            |
| FL902               | 1-233-598-11   | s FILTER, LOW-PASS     | [For NTSC] |
| FL902               | 1-233-599-11   | s FILTER, LOW-PASS     | [For PAL]  |
| FL903               | 1-233-598-11   | s FILTER, LOW-PASS     | [For NTSC] |
| FL903               | 1-233-599-11   | s FILTER, LOW-PASS     | [For PAL]  |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP  |            |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP  |            |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP  |            |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U          |            |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U          |            |
| IC3                 | 8-759-172-41   | s IC L78M09T-TL        |            |
| IC4                 | 8-759-172-41   | s IC L78M09T-TL        |            |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA        |            |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA        |            |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA        |            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| IC8                 | 8-759-157-17 s | IC PQ05SZ1U          |
| IC101               | 8-759-198-63 s | IC S-81230SG-QB-T1   |
| IC102               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC103               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC106               | 8-759-082-61 s | IC TC4W53FU          |
| IC107               | 8-759-076-06 s | IC TL064CPW          |
| IC108               | 8-759-076-06 s | IC TL064CPW          |
| IC109               | 8-752-052-77 s | IC CXA1450M          |
| IC110               | 8-752-363-60 s | IC CXD2307R-T4       |
| IC111               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC112               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC113               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC114               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 s | IC CXA1521M          |
| IC116               | 8-752-054-80 s | IC CXA1521M          |
| IC117               | 8-759-906-59 s | IC CX22017           |
| IC118               | 8-759-907-81 s | IC SN74LS221NS       |
| IC301               | 8-759-082-59 s | IC TC7W32FU          |
| IC302               | 8-759-082-61 s | IC TC4W53FU          |
| IC304               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC305               | 8-759-082-61 s | IC TC4W53FU          |
| IC306               | 8-752-052-73 s | IC CXA1451M          |
| IC307               | 8-752-052-73 s | IC CXA1451M          |
| IC308               | 8-759-262-00 s | IC MC14576CF         |
| IC309               | 8-752-052-73 s | IC CXA1451M          |
| IC310               | 8-752-052-73 s | IC CXA1451M          |
| IC311               | 8-752-052-73 s | IC CXA1451M          |
| IC312               | 8-759-082-61 s | IC TC4W53FU          |
| IC501               | 8-759-082-57 s | IC TC7W04FU          |
| IC502               | 8-752-052-77 s | IC CXA1450M          |
| IC503               | 8-752-052-77 s | IC CXA1450M          |
| IC504               | 8-759-173-16 s | IC TL062CPW          |
| IC505               | 8-759-076-06 s | IC TL064CPW          |
| IC506               | 8-759-430-88 s | IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 s | IC HA17431UA-TL      |
| IC508               | 8-759-076-06 s | IC TL064CPW          |
| IC509               | 8-752-052-77 s | IC CXA1450M          |
| IC510               | 8-759-262-03 s | IC MC14577CF         |
| IC512               | 8-759-987-27 s | IC LM1881M           |
| IC513               | 8-759-523-97 s | IC TC74VHC123AFT(EL) |
| IC514               | 8-759-980-04 s | IC LM311PS           |
| IC515               | 8-759-702-08 s | IC NJM360M           |
| IC516               | 8-752-052-77 s | IC CXA1450M          |
| IC601               | 8-759-082-57 s | IC TC7W04FU          |
| IC602               | 8-759-459-26 s | IC TC5081BP          |
| IC603               | 8-759-524-04 s | IC TC74VHC125FT(EL)  |
| IC604               | 8-759-058-58 s | IC TC7S04FU(TE85R)   |
| IC605               | 8-759-357-24 s | IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 s | IC CXD1216M          |
| IC607               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 s | IC TC74HC191AF       |
| IC609               | 8-759-082-57 s | IC TC7W04FU          |
| IC610               | 8-759-271-86 s | IC TC7SH04FU         |
| IC611               | 8-759-271-86 s | IC TC7SH04FU         |
| IC612               | 8-759-523-97 s | IC TC74VHC123AFT(EL) |
| IC613               | 8-759-524-22 s | IC TC74VHC175FT(EL)  |
| IC614               | 8-759-526-00 s | IC CXD8165AQ         |
| IC615               | 8-752-339-46 s | IC CXD1177Q          |

[For NTSC]

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| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| IC616               | 8-759-082-57 s | IC TC7W04FU          |
| IC617               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 s | IC TC7SH04FU         |
| IC619               | 8-759-271-86 s | IC TC7SH04FU         |
| IC701               | 8-759-524-08 s | IC TC74VHC139FT(EL)  |
| IC702               | 8-759-523-78 s | IC TC74VHC00FT(EL)   |
| IC703               | 8-759-514-57 s | IC BA7046F           |
| IC704               | 8-759-987-27 s | IC LM1881M           |
| IC705               | 8-759-710-12 s | IC NJM2230M          |
| IC706               | 8-759-035-90 s | IC SC7S02FEL         |
| IC707               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC709               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC712               | 8-759-173-16 s | IC TL062CPW          |
| IC901               | 8-759-387-83 s | IC MB40569PFV-ER     |
| IC902               | 8-759-277-19 s | IC UPD485505G-35-E2  |
| IC903               | 8-759-277-19 s | IC UPD485505G-35-E2  |
| IC904               | 8-759-277-19 s | IC UPD485505G-35-E2  |
| IC905               | 8-759-513-76 s | IC CXD8161AQ         |
| IC906               | 8-759-058-64 s | IC TC7S32FU(TE85R)   |
| IC907               | 8-759-082-57 s | IC TC7W04FU          |
| IC908               | 8-752-363-60 s | IC CXD2307R-T4       |
| IC909               | 8-759-173-16 s | IC TL062CPW          |
| IC910               | 8-752-052-73 s | IC CXA1451M          |
| IC911               | 8-752-052-73 s | IC CXA1451M          |
| IC912               | 8-752-052-73 s | IC CXA1451M          |
| IC913               | 8-759-523-01 s | IC TC74HC4052AFT(EL) |
| IC915               | 8-759-530-05 s | IC TC4053BFT(EL,N)   |
| IC916               | 8-759-262-00 s | IC MC14576CF         |
| IC917               | 8-759-058-64 s | IC TC7S32FU(TE85R)   |
| IC918               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC919               | 8-759-082-61 s | IC TC4W53FU          |
| IC1001              | 8-759-058-58 s | IC TC7S04FU(TE85R)   |
| IC1002              | 8-759-184-64 s | IC TC4W66FU(TE12R)   |
| IC1003              | 8-752-339-04 s | IC CXD2208Q          |
| IC1004              | 8-759-076-06 s | IC TL064CPW          |
| IC1005              | 8-759-076-06 s | IC TL064CPW          |
| IC1006              | 8-759-173-16 s | IC TL062CPW          |
| IC1007              | 8-759-058-58 s | IC TC7S04FU(TE85R)   |
| IC1008              | 8-759-082-60 s | IC TC7S66FU          |
| IC1009              | 8-759-520-55 s | IC CXD8243AM         |
| IC1010              | 8-759-491-46 s | IC TC74VHCT04FT(EL)  |
| IC1011              | 8-759-184-64 s | IC TC4W66FU(TE12R)   |
| IC1012              | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC1013              | 8-759-523-97 s | IC TC74VHC123AFT(EL) |
| IC1014              | 8-759-987-27 s | IC LM1881M           |
| IC1015              | 8-759-907-81 s | IC SN74LS221NS       |
| IC1016              | 8-759-324-03 s | IC HA17431UA-TL      |
| IC1017              | 8-759-524-19 s | IC TC74VHC164FT(EL)  |
| IC1018              | 8-759-324-03 s | IC HA17431UA-TL      |
| IC1019              | 8-759-523-95 s | IC TC74VHC74FT(EL)   |
| IC1020              | 8-759-523-97 s | IC TC74VHC123AFT(EL) |
| IC1021              | 8-759-907-81 s | IC SN74LS221NS       |
| IC1022              | 8-759-058-64 s | IC TC7S32FU(TE85R)   |
| IC1023              | 8-759-523-95 s | IC TC74VHC74FT(EL)   |
| IC1024              | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC1025              | 8-759-523-78 s | IC TC74VHC00FT(EL)   |
| IC1026              | 8-759-082-61 s | IC TC4W53FU          |
| L101                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |

[For NTSC]



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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |            |
|---------------------|--------------|------------------------|------------|
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |            |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH |            |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  |            |
| L116                | 1-410-385-11 | s INDUCTOR, CHIP 22uH  | [For PAL]  |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |            |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L305                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  | [For NTSC] |
| L305                | 1-410-393-11 | s INDUCTOR, CHIP 100uH | [For PAL]  |
| L306                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  | [For NTSC] |
| L306                | 1-410-393-11 | s INDUCTOR, CHIP 100uH | [For PAL]  |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |            |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |            |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  |            |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH  |            |
| L501                | 1-410-390-11 | s INDUCTOR, CHIP 56uH  | [For NTSC] |
| L501                | 1-410-392-11 | s INDUCTOR, CHIP 82uH  | [For PAL]  |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH |            |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH  |            |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L605                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  | [For NTSC] |
| L605                | 1-410-386-11 | s INDUCTOR, CHIP 27uH  | [For PAL]  |
| L606                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  | [For NTSC] |
| L606                | 1-410-386-11 | s INDUCTOR, CHIP 27uH  | [For PAL]  |
| L607                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  | [For NTSC] |
| L607                | 1-410-386-11 | s INDUCTOR, CHIP 27uH  | [For PAL]  |
| L608                | 1-410-389-31 | s INDUCTOR, CHIP 47uH  | [For PAL]  |
| L608                | 1-410-386-11 | s INDUCTOR, CHIP 27uH  | [For PAL]  |
| L701                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L702                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L703                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L704                | 1-414-402-11 | s INDUCTOR, CHIP 47uH  |            |
| L901                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |
| L902                | 1-414-400-11 | s INDUCTOR, CHIP 22uH  |            |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |            |
|---------------------|--------------|---------------------------|------------|
| L903                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    | [For NTSC] |
| L903                | 1-410-372-21 | s INDUCTOR, CHIP 1.8uH    | [For PAL]  |
| L904                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    |            |
| L905                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L906                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    | [For NTSC] |
| L906                | 1-410-372-21 | s INDUCTOR, CHIP 1.8uH    | [For PAL]  |
| L907                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L908                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L909                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L910                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L1001               | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L1002               | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |            |
| L1003               | 1-410-375-11 | s INDUCTOR, CHIP 3.3uH    |            |
| L1004               | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L1004               | 1-410-387-11 | s INDUCTOR, CHIP 33uH     | [For PAL]  |
| L1005               | 1-410-378-11 | s INDUCTOR, CHIP 5.6uH    |            |
| L1006               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| L1007               | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L1008               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1009               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1010               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1011               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| L1012               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1013               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |            |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q107                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q108                | 8-729-923-06 | s TRANSISTOR FMW-8        |            |
| Q109                | 8-729-923-06 | s TRANSISTOR FMW-8        |            |
| Q110                | 8-729-923-06 | s TRANSISTOR FMW-8        |            |
| Q111                | 8-729-904-04 | s TRANSISTOR FMS2         |            |
| Q112                | 8-729-904-04 | s TRANSISTOR FMS2         |            |
| Q113                | 8-729-904-04 | s TRANSISTOR FMS2         |            |
| Q114                | 8-729-903-82 | s TRANSISTOR FMW2         |            |
| Q115                | 8-729-903-82 | s TRANSISTOR FMW2         |            |
| Q116                | 8-729-903-82 | s TRANSISTOR FMW2         |            |
| Q117                | 8-729-931-46 | s TRANSISTOR FMW7         |            |
| Q118                | 8-729-931-46 | s TRANSISTOR FMW7         |            |
| Q119                | 8-729-931-46 | s TRANSISTOR FMW7         |            |
| Q120                | 8-729-907-26 | s TRANSISTOR IMX1         |            |
| Q121                | 8-729-907-26 | s TRANSISTOR IMX1         |            |
| Q122                | 8-729-907-26 | s TRANSISTOR IMX1         |            |
| Q123                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |            |
| Q124                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |            |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q127                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |            |
| Q128                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |            |
| Q129                | 8-729-903-82 | s TRANSISTOR FMW2         |            |
| Q130                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q131                | 8-729-903-82 | s TRANSISTOR FMW2         |            |
| Q301                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |            |
| Q302                | 8-729-904-41 | s TRANSISTOR FMY3         |            |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |            |
| Q304                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |            |

(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| Q305                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q306                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q307                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q308                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q309                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q310                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35     |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q312                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q315                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q316                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q317                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q318                | 8-729-904-41 s | TRANSISTOR FMY3            |
| Q319                | 8-729-904-41 s | TRANSISTOR FMY3            |
| Q320                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q322                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q323                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35     |
| Q324                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q325                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q326                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q327                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q328                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q329                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q330                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q331                | 8-729-904-41 s | TRANSISTOR FMY3            |
| Q332                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q333                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q334                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q335                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q336                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q337                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q338                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q339                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q340                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q341                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q342                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q343                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q344                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q345                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q346                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q347                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q348                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q349                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q350                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q502                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q503                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q504                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q505                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q506                | 8-729-904-41 s | TRANSISTOR FMY3            |
| Q507                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q601                | 8-729-140-47 s | TRANSISTOR 2SC3735-T2B-B35 |
| Q602                | 8-729-140-47 s | TRANSISTOR 2SC3735-T2B-B35 |
| Q603                | 8-729-140-47 s | TRANSISTOR 2SC3735-T2B-B35 |
| Q604                | 8-729-140-47 s | TRANSISTOR 2SC3735-T2B-B35 |

(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| Q605                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q606                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q607                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q608                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q703                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q704                | 8-729-027-38 s | TRANSISTOR DTA144EKA-T146 |
| Q705                | 1-801-806-11 s | TRANSISTOR DTC144EKA-T146 |
| Q706                | 8-729-904-41 s | TRANSISTOR FMY3           |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q709                | 8-729-904-04 s | TRANSISTOR FMS2           |
| Q710                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q711                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q712                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q713                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q714                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q715                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q716                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q718                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q719                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q720                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q721                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q722                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q723                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q724                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q725                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q726                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q727                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q728                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q729                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q730                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q731                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q732                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q733                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q734                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q735                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q737                | 8-729-904-04 s | TRANSISTOR FMS2           |
| Q901                | 1-801-806-11 s | TRANSISTOR DTC144EKA-T146 |
| Q902                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q903                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q904                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q905                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q906                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q907                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q908                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q909                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q911                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q912                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q914                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q915                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q916                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q917                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q918                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q919                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q920                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q921                | 8-729-117-32 s | TRANSISTOR 2SC4177        |

[For NTSC]

(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q922                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q923                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q924                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q925                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q926                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q927                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1001               | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146   |
| Q1002               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1003               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1004               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1005               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1006               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1007               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1008               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1009               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1010               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1011               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1012               | 1-801-806-11 | s TRANSISTOR DTC144EKA-T146   |
| Q1013               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1014               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1015               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1016               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1017               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1018               | 8-729-140-47 | s TRANSISTOR 2SC3735-T2B-B35  |
| Q1019               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1020               | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33      |
| Q1021               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1022               | 8-729-143-07 | s TRANSISTOR 2SA1610-Y33      |
| Q1023               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-208-803-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-208-783-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-208-786-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R135                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R142                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R143                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R144                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W          |
| R145                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R146                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R147                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R148                | 1-208-809-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R149                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R150                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R151                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R152                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R153                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R155                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R156                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R157                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R158                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R159                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R160                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R161                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R162                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R163                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R164                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| R165                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| R166                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R167                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R168                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R172                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W          |
| R173                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R174                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R176                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R179                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R180                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R181                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R182                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R183                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R184                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R187                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R188                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R189                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R190                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R191                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R192                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R193                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R194                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R195                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R196                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
|                     |                |                                     |
| R197                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R198                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R199                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R200                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
|                     |                |                                     |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R203                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R204                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R205                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
|                     |                |                                     |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R209                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R210                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R211                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
|                     |                |                                     |
| R212                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R213                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R214                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R215                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R216                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
|                     |                |                                     |
| R217                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R218                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R219                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R220                | 1-216-295-91 s | RES, CHIP 0                         |
| R221                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
|                     |                |                                     |
| R222                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R224                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R225                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R226                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
|                     |                |                                     |
| R227                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R229                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R230                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
|                     |                |                                     |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
|                     |                |                                     |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
|                     |                |                                     |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R245                | 1-208-780-11 s | METAL, CHIP 820 0.5% 1/10W          |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
|                     |                |                                     |
| R247                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R249                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R250                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                       |
|---------------------|----------------|--------------------------------------|
| R251                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R252                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W           |
| R253                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W           |
| R254                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W           |
| R255                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W           |
|                     |                |                                      |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W            |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R258                | 1-216-295-91 s | RES, CHIP 0                          |
| R259                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W          |
|                     |                |                                      |
| [For NTSC]          |                |                                      |
| R259                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W [For PAL] |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R262                | 1-208-818-11 s | METAL, CHIP 33k 0.5% 1/10W           |
|                     |                |                                      |
| [For NTSC]          |                |                                      |
| R262                | 1-208-813-11 s | METAL, CHIP 20k 0.5% 1/10W [For PAL] |
| R263                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W            |
| R264                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W            |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R270                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W           |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
|                     |                |                                      |
| R272                | 1-208-797-11 s | METAL, CHIP 4.3k 0.5% 1/10W          |
| R273                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W [For PAL]  |
| R274                | 1-208-792-11 s | METAL, CHIP 2.7k 0.5% 1/10W          |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R280                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W          |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
|                     |                |                                      |
| R282                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W [For NTSC] |
| R282                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W [For PAL]  |
| R283                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R284                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R285                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
|                     |                |                                      |
| R286                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R301                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W            |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R303                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W            |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W             |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R311                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W          |
| R312                | 1-208-758-11 s | METAL, CHIP 100 0.5% 1/10W           |
| R313                | 1-216-295-91 s | RES, CHIP 0                          |
| R314                | 1-208-792-11 s | METAL, CHIP 2.7k 0.5% 1/10W          |
|                     |                |                                      |
| R315                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W            |
| R316                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R317                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R319                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R322                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-208-778-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R338                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R345                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-208-765-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R366                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R383                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R384                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R385                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R386                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R387                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R388                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R389                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R390                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R391                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R392                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R393                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R394                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R395                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R396                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R397                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R398                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W           |
| R399                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R400                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R401                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R402                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R403                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10          |
| R404                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R405                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W           |
| R406                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R408                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R409                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R410                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10          |
| R411                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W           |
| R413                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R414                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R415                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R416                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R417                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R418                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R419                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W         |
| R420                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R421                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R422                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W         |
| R423                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R424                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R425                | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W         |
| R426                | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W         |
| R427                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W           |
| R428                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R429                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R430                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R431                | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R432                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R433                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W           |
| R434                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W[For NTSC] |
| R434                | 1-208-787-11 s | METAL, CHIP 1.6k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R435                | 1-208-791-11 s | METAL, CHIP 2.4k 0.5% 1/10W         |
|                     |                | [For NTSC]                          |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description                            |
|---------------------|----------------|---|
| R435                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W<br>[For PAL]  |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R438                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W               |
| R439                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W               |
| R440                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R441                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R442                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R443                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R444                | 1-208-777-11 s | METAL, CHIP 620 0.5% 1/10W                |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W                  |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W                  |
| R447                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W[For NTSC]       |
| R447                | 1-208-787-11 s | METAL, CHIP 1.6k 0.5% 1/10W<br>[For PAL]  |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W                  |
| R449                | 1-208-791-11 s | METAL, CHIP 2.4k 0.5% 1/10W<br>[For NTSC] |
| R449                | 1-208-788-11 s | METAL, CHIP 1.8k 0.5% 1/10W<br>[For PAL]  |
| R450                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R454                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W                  |
| R455                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R456                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R457                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R458                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R459                | 1-208-755-11 s | METAL, CHIP 75 0.5% 1/10W                 |
| R501                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                  |
| R502                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R503                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W<br>[For NTSC] |
| R503                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For PAL]  |
| R504                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R505                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R506                | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W<br>[For NTSC] |
| R507                | 1-216-295-91 s | RES, CHIP 0 [For NTSC]                    |
| R507                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For PAL]  |
| R508                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R509                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10                |
| R510                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R511                | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W<br>[For NTSC] |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                            |
|---------------------|----------------|---|
| R511                | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W<br>[For PAL]  |
| R512                | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W<br>[For NTSC] |
| R513                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W                 |
| R516                | 1-208-822-11 s | CHIP, METAL 47k 0.5% 1/10W                |
| R517                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R518                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W                |
| R519                | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W               |
| R520                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W                |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                  |
| R522                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                  |
| R524                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R525                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R526                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R527                | 1-208-796-11 s | METAL, CHIP 3.9k 0.5% 1/10W               |
| R528                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R529                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R530                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W                 |
| R531                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R533                | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R534                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W                 |
| R535                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R536                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                 |
| R537                | 1-208-774-11 s | METAL, CHIP 470 0.5% 1/10W                |
| R538                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W                |
| R539                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R540                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W                 |
| R541                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W                 |
| R543                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R544                | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R545                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R546                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W                 |
| R547                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                   |
| R548                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R549                | 1-208-797-11 s | METAL, CHIP 4.3k 0.5% 1/10W               |
| R550                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W               |
| R551                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| R552                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                 |
| R553                | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W               |
| R554                | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W               |
| R555                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                 |
| R556                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R557                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R558                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W                   |
| R559                | 1-208-818-11 s | METAL, CHIP 33k 0.5% 1/10W                |
| R560                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W                |
| R561                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R562                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W                 |
| R563                | 1-208-818-11 s | METAL, CHIP 33k 0.5% 1/10W                |
| R564                | 1-208-818-11 s | METAL, CHIP 33k 0.5% 1/10W                |
| R565                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W                  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R567                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W          |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R570                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W           |
| R574                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W          |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R576                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R577                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W          |
| R579                | 1-208-850-11 | s METAL, CHIP 680k 0.5% 1/10W         |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W           |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W            |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R590                | 1-208-797-11 | s METAL, CHIP 4.3k 0.5% 1/10W         |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R593                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R596                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R597                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R603                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R604                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R605                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R607                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R609                | 1-216-295-91 | s RES, CHIP 0                         |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R613                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R615                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W [For PAL] |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R619                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W           |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W           |
| R621                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W           |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W           |
| R623                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W          |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W           |
| R628                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W          |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W           |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R630                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W          |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R635                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R637                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W[For NTSC] |
| R637                | 1-208-850-11 | s METAL, CHIP 680k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R638                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R638                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R640                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| [For NTSC]          |              |                                       |
| R640                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R641                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R641                | 1-208-781-11 | s METAL, CHIP 910 0.5% 1/10W[For PAL] |
| R642                | 1-208-796-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R643                | 1-208-808-11 | s METAL, CHIP 12k 0.5% 1/10W          |
| R644                | 1-208-769-11 | s METAL, CHIP 300 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R644                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R645                | 1-208-769-11 | s METAL, CHIP 300 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R645                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R701                | 1-208-765-11 | s METAL, CHIP 200 0.5% 1/10W          |
| R702                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |
| R703                | 1-208-758-11 | s METAL, CHIP 100 0.5% 1/10W          |
| R704                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R705                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R706                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R707                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W           |
| R708                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R709                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R711                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R712                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R713                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R714                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R715                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R716                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R717                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W           |
| R718                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R719                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R720                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W           |
| R721                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W           |
| R722                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R723                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W            |
| R724                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R725                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |
| R726                | 1-208-758-11 | s METAL, CHIP 100 0.5% 1/10W          |
| R727                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R728                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R729                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R730                | 1-208-765-11 | s METAL, CHIP 200 0.5% 1/10W          |
| R731                | 1-208-765-11 | s METAL, CHIP 200 0.5% 1/10W          |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R733                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |
| R734                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |
| R735                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R736                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R737                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R738                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R739                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R740                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R741                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R742                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R743                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W [For NTSC] |
| R744                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R745                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/10W        |
| R746                | 1-208-627-11 | s METAL, CHIP 4.41k 0.1% 1/10W        |
| R747                | 1-208-630-11 | s METAL, CHIP 11.494k 0.1% 1/10W      |
| R748                | 1-208-756-11 | s METAL, CHIP 82 0.5% 1/10W           |
| R749                | 1-208-753-11 | s METAL, CHIP 62 0.5% 1/10W           |
| R750                | 1-208-756-11 | s METAL, CHIP 82 0.5% 1/10W           |
| R751                | 1-208-756-11 | s METAL, CHIP 82 0.5% 1/10W           |
| R752                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R754                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R755                | 1-208-623-11 | s METAL, CHIP 1.43k 0.1% 1/10W        |
| R756                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/10W        |
| R757                | 1-208-627-11 | s METAL, CHIP 4.41k 0.1% 1/10W        |
| R758                | 1-208-788-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |
| R759                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/10W        |
| R760                | 1-208-630-11 | s METAL, CHIP 11.494k 0.1% 1/10W      |
| R761                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W           |
| R762                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R763                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W           |
| R764                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R765                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R766                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R767                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R768                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R769                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W[For NTSC] |
| R769                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W[For PAL] |
| R770                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R771                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R772                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W[For NTSC] |
| R772                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W[For PAL] |
| R773                | 1-208-774-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R774                | 1-211-967-11 | s METAL, CHIP 43 0.5% 1/10W           |
| R775                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R776                | 1-218-477-11 | s METAL, CHIP 220 5% 1/4W             |
| R777                | 1-218-477-11 | s METAL, CHIP 220 5% 1/4W             |
| R778                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R779                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R780                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R781                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R782                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R783                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R784                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R785                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R786                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R787                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R788                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R789                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R790                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R794                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R795                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R796                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R797                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R798                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R799                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W          |
| R800                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R801                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R802                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R803                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R804                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R805                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R806                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R807                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R808                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R811                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R813                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R817                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R818                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R819                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R821                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R901                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R902                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R903                | 1-216-295-91 | s RES, CHIP 0                         |
| R905                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R906                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R907                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R908                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R909                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R910                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R911                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R912                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R913                | 1-208-815-11 | s METAL, CHIP 24k 0.5% 1/10W          |
| R914                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R915                | 1-208-804-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R916                | 1-208-818-11 | s METAL, CHIP 33k 0.5% 1/10W          |
| R917                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R918                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R919                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R920                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R921                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R922                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W          |
| R923                | 1-208-802-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| [For NTSC]          |              |                                       |
| R923                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R924                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R925                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R926                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R927                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R928                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R929                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R930                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R931                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R932                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R933                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R934                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R935                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R936                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R937                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R938                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R939                | 1-208-776-11 | s METAL, CHIP 560 0.5% 1/10W          |
| R940                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R941                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R944                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R945                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R947                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R948                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R950                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R951                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R952                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R953                | 1-208-777-11 | s METAL, CHIP 620 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R953                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W[For PAL] |
| R954                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R955                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R956                | 1-208-787-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| R957                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R958                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R959                | 1-208-777-11 | s METAL, CHIP 620 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R959                | 1-208-772-11 | s METAL, CHIP 390 0.5% 1/10W[For PAL] |
| R960                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R961                | 1-208-787-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| R962                | 1-208-782-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R963                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R964                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R965                | 1-208-766-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R966                | 1-208-792-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R967                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R968                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R969                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R970                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R971                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R972                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R977                | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R978                | 1-208-770-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R979                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R980                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R981                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R982                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R984                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R985                | 1-208-794-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R987                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R988                | 1-216-295-91 | s RES, CHIP 0                         |
| R989                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R990                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R991                | 1-208-798-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R992                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R993                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R995                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R996                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R997                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R998                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R1001               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1002               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1003               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1004               | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R1005               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1006               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1007               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1008               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1009               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1010               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1011               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1012               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1013               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1014               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R1015               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1016               | 1-208-777-11 | s METAL, CHIP 620 0.5% 1/10W          |
| R1017               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1018               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1019               | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R1020               | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R1021               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R1022               | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R1023               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1024               | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W           |
| R1025               | 1-208-842-11 | s METAL, CHIP 330k 0.5% 1/10W         |

[For PAL]

R1026 1-208-830-11 s METAL, CHIP 100k 0.5% 1/10W

[For NTSC]

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                           |
|---------------------|----------------|--|
| R1026               | 1-208-842-11 s | METAL, CHIP 330k 0.5% 1/10W<br>[For PAL] |
| R1027               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                |
| R1028               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                 |
| R1029               | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W              |
| R1030               | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                 |
| R1031               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                 |
| R1032               | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W              |
| R1033               | 1-208-838-11 s | METAL, CHIP 220k 0.5% 1/10W              |
| R1034               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1035               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                 |
| R1036               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                 |
| R1037               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                 |
| R1038               | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W                |
| R1039               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1040               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1041               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                 |
| R1042               | 1-208-801-11 s | METAL, CHIP 6.2k 0.5% 1/10W              |
| R1043               | 1-208-765-11 s | METAL, CHIP 200 0.5% 1/10W               |
| R1044               | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W              |
| R1045               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                 |
| R1046               | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W                |
| R1047               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                |
| R1048               | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W                |
| R1049               | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W              |
| R1050               | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W               |
| R1051               | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W                 |
| R1052               | 1-208-798-11 s | METAL, CHIP 4.7k 0.5% 1/10W              |
| R1053               | 1-208-802-11 s | METAL, CHIP 6.8k 0.5% 1/10W              |
| R1054               | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W               |
| R1055               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1056               | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W                 |
| R1057               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1058               | 1-216-133-00 s | METAL, CHIP 3.3M 5% 1/10W                |
| R1059               | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W               |
| R1060               | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W               |
| R1061               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                 |
| R1062               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1064               | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                |
| R1065               | 1-208-796-11 s | METAL, CHIP 3.9k 0.5% 1/10W              |
| R1066               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                 |
| R1067               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1068               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                 |
| R1069               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1070               | 1-208-766-11 s | METAL, CHIP 220 0.5% 1/10W               |
| R1071               | 1-208-770-11 s | METAL, CHIP 330 0.5% 1/10W               |
| R1072               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                    |
| R1073               | 1-216-295-91 s | RES, CHIP 0                              |
| R1075               | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                |
| R1076               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                |
| R1077               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                    |
| R1078               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                    |
| R1079               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                |
| R1080               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                 |
| R1081               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                 |
| R1083               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                  |
| R1084               | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                |

(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                            |
|---------------------|----------------|---|
| R1085               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1086               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                 |
| R1087               | 1-208-827-11 s | METAL, CHIP 75k 0.5% 1/10W                |
| R1088               | 1-216-072-00 s | METAL, CHIP 9.1k 5% 1/10W                 |
| R1089               | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R1090               | 1-208-782-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R1091               | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For NTSC] |
| R1091               | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W               |
| R1092               | 1-208-786-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For PAL]  |
| R1092               | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W<br>[For NTSC] |
| R1092               | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W<br>[For PAL]  |
| R1093               | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W                 |
| R1094               | 1-208-794-11 s | METAL, CHIP 3.3k 0.5% 1/10W               |
| R1095               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1097               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1098               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R1099               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R1100               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R1101               | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W                 |
| R1102               | 1-208-808-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R1103               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1104               | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W                 |
| R1105               | 1-216-103-00 s | METAL, CHIP 180k 5% 1/10W                 |
| R1106               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1108               | 1-208-790-11 s | METAL, CHIP 2.2k 0.5% 1/10W               |
| R1109               | 1-208-776-11 s | METAL, CHIP 560 0.5% 1/10W                |
| R1110               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                 |
| R1111               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R1112               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R1113               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| RB101               | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1k x 4               |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4              |
| RB103               | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100k x 4             |
| RB201               | 1-233-235-11 s | RESISTOR BLOCK, CHIP 10k x 4              |
| RB202               | 1-233-235-11 s | RESISTOR BLOCK, CHIP 10k x 4              |
| RB701               | 1-233-234-11 s | RESISTOR BLOCK, CHIP 2.2k x 4             |
| RB1000              | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100k x 4             |
| RB1001              | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1k x 4               |
| RV101               | 1-237-034-11 s | RES, ADJ, METAL 2k                        |
| RV102               | 1-237-034-11 s | RES, ADJ, METAL 2k                        |
| RV103               | 1-237-034-11 s | RES, ADJ, METAL 2k                        |
| RV104               | 1-237-034-11 s | RES, ADJ, METAL 2k                        |
| RV105               | 1-237-035-11 s | RES, ADJ, METAL 5k [For NTSC]             |
| RV106               | 1-237-035-11 s | RES, ADJ, METAL 5k                        |
| RV107               | 1-237-036-11 s | RES, ADJ, METAL 10k                       |
| RV108               | 1-237-036-11 s | RES, ADJ, METAL 10k                       |
| RV109               | 1-237-036-11 s | RES, ADJ, METAL 10k                       |
| RV110               | 1-237-035-11 s | RES, ADJ, METAL 5k                        |
| RV111               | 1-237-035-11 s | RES, ADJ, METAL 5k                        |
| RV112               | 1-237-034-11 s | RES, ADJ, METAL 2k                        |



(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| RV301               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV302               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV303               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV304               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV305               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV306               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV307               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV308               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV309               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV310               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV311               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV312               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV313               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV314               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV315               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV316               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV317               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV318               | 1-237-030-11 | s RES, ADJ, METAL 100   |
| RV319               | 1-237-030-11 | s RES, ADJ, METAL 100   |
| RV501               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV502               | 1-237-036-11 | s RES, ADJ, METAL 10k   |
| RV503               | 1-237-037-11 | s RES, ADJ, METAL 20k   |
| RV504               | 1-237-036-11 | s RES, ADJ, METAL 10k   |
| RV505               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV506               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV601               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV701               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV702               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV703               | 1-237-032-11 | s RES, ADJ, METAL 500   |
| RV704               | 1-237-031-11 | s RES, ADJ, METAL 200   |
| RV901               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV902               | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV903               | 1-237-036-11 | s RES, ADJ, METAL 10k   |
| RV904               | 1-237-031-11 | s RES, ADJ, METAL 200   |
| RV905               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV906               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV907               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV908               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV909               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV910               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV911               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV912               | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV913               | 1-237-031-11 | s RES, ADJ, METAL 200   |
| RV914               | 1-237-031-11 | s RES, ADJ, METAL 200   |
| RV915               | 1-237-033-11 | s RES, ADJ, METAL 1k    |
| RV1001              | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| RV1002              | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV1003              | 1-237-035-11 | s RES, ADJ, METAL 5k    |
| RV1004              | 1-237-034-11 | s RES, ADJ, METAL 2k    |
| S901                | 1-571-275-31 | s SWITCH, SLIDE         |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |
| TH901               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz      |
| X602                | 1-527-722-00 | s CRYSTAL 14.31818MHz   |

(IO-149/149A BOARD; Suffix -14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |            |
|---------------------|--------------|-----------------------|------------|
| X602                | 1-760-457-11 | s CRYSTAL 17.7345MHz  | [For PAL]  |
| X1001               | 1-760-109-21 | s CRYSTAL 10.7386MHz  | [For NTSC] |
| X1002               | 1-527-722-00 | s CRYSTAL 14.31818MHz | [For NTSC] |
| X1002               | 1-760-457-11 | s CRYSTAL 17.7345MHz  | [For PAL]  |

[For NTSC]

[For NTSC]

## IO-149/149A BOARD; Suffix -13

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix number -13.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10780 (For DSR-80 J)  
Serial number; 10001 through 11750 (For DSR-80 UC)  
Serial number; 10001 through 11470 (For DSR-80P CE)  
\*2) Serial number; 10781 and higher (For DSR-80 J)  
Serial number; 11751 and higher (For DSR-80 UC)  
Serial number; 11471 and higher (For DSR-80P CE)

1pc A-8315-283-A o MOUNTED CIRCUIT BOARD, IO-149  
(For NTSC)  
1pc A-8315-293-A o MOUNTED CIRCUIT BOARD, IO-149A  
(For PAL)

1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD

C1 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C2 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C3 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C4 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C5 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
  
C6 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C11 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C13 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C14 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
  
C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C21 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C23 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
  
C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C25 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C31 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
  
C33 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C35 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C37 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
  
C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C39 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C102 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C103 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C106 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C108 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C109 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C110 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C111 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

## (IO-149/149A BOARD; Suffix -13)

Ref. No.  
or Q'ty Part No. SP Description

C112 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C113 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C114 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C115 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C116 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
  
C117 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C118 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C119 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C120 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C121 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C122 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C123 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C124 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C125 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C126 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
  
C127 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C128 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C129 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C130 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C131 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C132 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C133 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C134 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C135 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C136 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C137 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C138 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C139 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C140 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C141 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C142 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C143 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C144 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C145 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C146 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C147 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C148 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C149 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C150 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C151 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C152 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C153 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C154 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
C155 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
  
C157 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C158 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C159 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C160 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C161 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C162 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C163 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C164 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C165 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C166 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
  
C167 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C168 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C169 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C170 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

(IO-149/149A BOARD; Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                                |
|---------------------|--------------|---|
| C171                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C172                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                    |
| C173                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                    |
| C174                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C175                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                   |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC]         |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC]         |
| C190                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V *1)               |
|                     | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V *2)<br>[For NTSC] |
| C190                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V *1)               |
|                     | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V *2)<br>[For PAL]  |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V                     |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V                     |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V                    |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V                     |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V                    |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                     |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V                     |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                     |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V               |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V               |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V               |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V                   |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                    |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C213                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V                   |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                    |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V                   |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V               |
| C220                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V[For NTSC]         |
| C220                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V[For PAL]         |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V                   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                             |
|---------------------|--------------|--|
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V                |
| C223                | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V<br>[For NTSC] |
| C223                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V[For PAL]      |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C225                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V [For NTSC]         |
| C225                | 1-163-087-00 | s CERAMIC, CHIP 4pF 50V [For PAL]          |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V[For NTSC]      |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V [For PAL]      |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V               |
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V                |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V                |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V[For NTSC]      |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V [For PAL]      |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C311                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V<br>[For NTSC] |
| C311                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL]      |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V[For NTSC]      |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V [For PAL]      |
| C319                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V<br>[For NTSC] |
| C319                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL]      |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                 |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V                |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                 |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V            |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V                 |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V                  |
| C334                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V [For NTSC]         |
| C334                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V [For PAL]          |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V[For NTSC]      |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C336                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C337                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V           |
| C338                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C339                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C340                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C341                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C342                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C343                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C344                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C344                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C345                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C345                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V[For NTSC] |
| C362                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V               |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C388                | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V *1)       |
|                     | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V *2)       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C501                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C501                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V           |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V            |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C516                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
|                     |                | [For NTSC]                          |
| C516                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C517                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V          |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V       |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C546                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V [For PAL] |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C603                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C604                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V        |
| C605                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C606                | 1-126-404-11 | s ELECT 4.7uF 20% 50V                 |
| C607                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
| C608                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C609                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C610                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |
| C611                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
|                     |              | [For NTSC]                            |
| C611                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V         |
|                     |              | [For PAL]                             |
| C612                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C613                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C613                | 1-163-106-00 | s CERAMIC, CHIP 36pF 5% 50V[For PAL]  |
| C614                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C615                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V[For NTSC] |
| C615                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V[For PAL]  |
| C616                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
| C617                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V          |
| C618                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
| C619                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C620                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C621                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C622                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C623                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C624                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C625                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C626                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C627                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C628                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C629                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C631                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C632                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C633                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C634                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C635                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C636                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C637                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C638                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C639                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C639                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V [For PAL] |
| C640                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C641                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C642                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C644                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C645                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V            |
| C646                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C647                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C648                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C649                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C650                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V            |
| C651                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C652                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C652                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C653                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C653                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C654                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C654                | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C655                | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C655                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C656                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C656                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C657                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C657                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C658                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C659                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C660                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C661                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C663                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V          |
| C701                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C702                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C703                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C704                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C705                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C706                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C707                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C708                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C709                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C710                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V        |
| C711                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C712                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C713                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V        |
| C714                | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V            |
| C715                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C716                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C717                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C718                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C719                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C720                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C721                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C722                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V        |
|                     |              | [For NTSC]                            |
| C723                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C724                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C725                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C726                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C727                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C728                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C729                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C730                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C731                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C732                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C733                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C735                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C736                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C737                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C738                | 1-126-397-11 | s ELECT, CHIP 33uF 20% 25V [For NTSC] |
| C739                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C740                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V [For NTSC]  |
| C741                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V [For NTSC]  |
| C742                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C743                | 1-163-145-00 | s CERAMIC, CHIP 0.0015uF 5% 50V       |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
|                     |              | [For NTSC]                            |
| C744                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
|                     |              | [For NTSC]                            |
| C745                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C746                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C747                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
|                     |              | [For NTSC]                            |
| C748                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C749                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C750                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C751                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C752                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
|                     |              | [For NTSC]                            |
| C753                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C755                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C901                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C902                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C903                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C904                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C905                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C906                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C907                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C908                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C909                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C911                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C914                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C915                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C916                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C917                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C918                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C919                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C920                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C921                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C922                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C923                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C924                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C925                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C926                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C927                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C928                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C929                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C930                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C931                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C932                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C933                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C934                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C935                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C936                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C937                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C938                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C939                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C940                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C941                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C942                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C943                | 1-163-239-00 | s CERAMIC, CHIP 33pF 5% 50V[For NTSC] |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                         |
|---------------------|--------------|--|
| C943                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V [For PAL]  |
| C945                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C946                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C947                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C948                | 1-163-239-00 | s CERAMIC, CHIP 33pF 5% 50V[For NTSC]  |
| C948                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V [For PAL]  |
| C949                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C950                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C951                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V            |
| C952                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C953                | 1-163-239-00 | s CERAMIC, CHIP 33pF 5% 50V[For NTSC]  |
| C953                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V [For PAL]  |
| C955                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V            |
| C956                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C957                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C961                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C962                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C965                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C966                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C967                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C968                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C969                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V           |
| C970                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C971                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C972                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C973                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C980                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C981                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V         |
| C982                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C983                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C984                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V        |
| C987                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V            |
| C1001               | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V             |
| C1002               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C1003               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1004               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1005               | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V             |
| C1006               | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V            |
| C1007               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1008               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1009               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1010               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V            |
| C1011               | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V[For NTSC]  |
| C1011               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V [For PAL]  |
| C1012               | 1-126-393-11 | s ELECT, CHIP 33uF 20% 10V             |
| C1013               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C1014               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C1015               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1016               | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V[For NTSC] |
| C1016               | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V [For PAL] |
| C1017               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1018               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1019               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1020               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C1021               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V              |
| C1022               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V            |
| C1023               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V            |
| C1024               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V        |
| C1025               | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V            |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C1026               | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1027               | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1028               | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V          |
| C1029               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1030               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1031               | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C1032               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1033               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1034               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1035               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1036               | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V          |
| C1037               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1038               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1039               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1040               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1041               | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V          |
| C1042               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1043               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1044               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1045               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V           |
| C1046               | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C1047               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1048               | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V          |
| C1049               | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V           |
| C1050               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1051               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1052               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1053               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1054               | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V           |
| C1055               | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V          |
| C1056               | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C1057               | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
| C1058               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1059               | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V          |
| C1060               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1061               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1062               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1063               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1064               | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V       |
| C1065               | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C1066               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1067               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1068               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1069               | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C1070               | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C1070               | 1-163-131-00 | s CERAMIC, CHIP 390pF 5% 50V[For PAL] |
| C1071               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V           |
| C1072               | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C1073               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1074               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1075               | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C1076               | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C1078               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1079               | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V       |
| C1080               | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C1081               | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V          |
| C1082               | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| C1083               | 1-163-037-11   | s CERAMIC, CHIP 0.022uF 10% 25V |
| C1084               | 1-164-232-11   | s CERAMIC, CHIP 0.01uF 10% 100V |
| C1085               | 1-126-391-11   | s ELECT, CHIP 47uF 20% 6.3V     |
| C1086               | 1-126-391-11   | s ELECT, CHIP 47uF 20% 6.3V     |
| C1087               | 1-126-391-11   | s ELECT, CHIP 47uF 20% 6.3V     |
| C1088               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1089               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1090               | 1-163-275-11   | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C1091               | 1-164-222-11   | s CERAMIC, CHIP 0.22uF 25V      |
| C1092               | 1-164-222-11   | s CERAMIC, CHIP 0.22uF 25V      |
| C1093               | 1-164-222-11   | s CERAMIC, CHIP 0.22uF 25V      |
| C1094               | 1-164-222-11   | s CERAMIC, CHIP 0.22uF 25V      |
| C1095               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1096               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1097               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1098               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1099               | 1-163-038-91   | s CERAMIC, CHIP 0.1uF 25V       |
| C1100               | 1-163-259-91   | s CERAMIC, CHIP 220pF 5% 50V    |
| C1101               | 1-163-259-91   | s CERAMIC, CHIP 220pF 5% 50V    |
| CT601               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11   | s CAP, TRIMMER, CHIP 40pF       |
| CT1001              | 1-141-322-11   | s CAP, TRIMMER, CHIP 20pF       |
| D1                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D2                  | 8-719-941-04   | s DIODE SB007-03CP              |
| D3                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D4                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D5                  | 8-719-053-18   | s DIODE 1SR154-400TE-25         |
| D101                | 8-719-041-39   | s DIODE KV1470                  |
| D102                | 8-719-041-39   | s DIODE KV1470                  |
| D103                | 8-719-041-39   | s DIODE KV1470                  |
| D104                | 8-719-941-23   | s DIODE DA204U                  |
| D105                | 8-719-941-23   | s DIODE DA204U                  |
| D106                | 8-719-989-08   | s DIODE RB717F                  |
| D301                | 8-719-976-99   | s DIODE DT25.1B                 |
| D302                | 8-719-941-23   | s DIODE DA204U                  |
| D501                | 8-719-941-23   | s DIODE DA204U                  |
| D601                | 8-719-002-81   | s DIODE 1T363A-M20-T8A          |
| D602                | 8-719-002-81   | s DIODE 1T363A-M20-T8A          |
| D701                | 8-719-941-23   | s DIODE DA204U                  |
| D702                | 8-719-056-74   | s DIODE UDZ-TE-17-3.0B          |
| D703                | 8-719-024-81   | s DIODE 1SS300-TE85L            |
| D901                | 8-719-941-04   | s DIODE SB007-03CP              |
| D902                | 8-719-024-81   | s DIODE 1SS300-TE85L            |
| D904                | 8-719-941-23   | s DIODE DA204U                  |
| D905                | 8-719-941-23   | s DIODE DA204U                  |
| D906                | 8-719-941-23   | s DIODE DA204U                  |
| D1001               | 8-719-041-39   | s DIODE KV1470                  |
| D1002               | 8-719-941-23   | s DIODE DA204U                  |
| D1003               | 8-719-941-23   | s DIODE DA204U                  |
| D1004               | 8-719-002-81   | s DIODE 1T363A-M20-T8A          |
| D1005               | 8-719-941-23   | s DIODE DA204U                  |
| D1006               | 8-719-941-23   | s DIODE DA204U                  |
| D1007               | 8-719-941-23   | s DIODE DA204U                  |
| D1008               | 8-719-024-81   | s DIODE 1SS300-TE85L            |
| D1009               | 8-719-024-81   | s DIODE 1SS300-TE85L            |
| F1                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A             |
| F2                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A             |
| F3                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A             |

[For NTSC]

[For PAL]  
[For PAL]

[For PAL]

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| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| F4                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A   |
| F5                  | Δ 1-576-124-11 | s LINK, IC, CHIP 1A   |
| F6                  | Δ 1-533-282-21 | s LINK, IC, CHIP 2A   |
| FB800               | 1-543-309-21   | s BEAD, FERRITE       |
| FL101               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL101               | 1-233-599-11   | s FILTER, LOW-PASS    |
| FL102               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL102               | 1-233-599-11   | s FILTER, LOW-PASS    |
| FL103               | 1-233-614-11   | s FILTER, LOW-PASS    |
| FL104               | 1-239-771-11   | s FILTER, LOW-PASS    |
| FL701               | 1-233-614-11   | s FILTER, LOW-PASS    |
| FL901               | 1-233-614-11   | s FILTER, LOW-PASS    |
| FL902               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL902               | 1-233-599-11   | s FILTER, LOW-PASS    |
| FL903               | 1-233-598-11   | s FILTER, LOW-PASS    |
| FL903               | 1-233-599-11   | s FILTER, LOW-PASS    |
| FL1001              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| FL1002              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| FL1003              | 1-239-719-11   | s FILTER, NOISE, CHIP |
| IC1                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC2                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC3                 | 8-759-172-41   | s IC L78M09T-TL       |
| IC4                 | 8-759-172-41   | s IC L78M09T-TL       |
| IC5                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC6                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC7                 | 8-759-822-95   | s IC L79M05T-FA       |
| IC8                 | 8-759-157-17   | s IC PQ05SZ1U         |
| IC101               | 8-759-198-63   | s IC S-81230SG-QB-T1  |
| IC102               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC103               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC105               | 8-759-278-58   | s IC NJM4558V-TE2     |
| IC106               | 8-759-082-61   | s IC TC4W53FU         |
| IC107               | 8-759-076-06   | s IC TL064CPW         |
| IC108               | 8-759-076-06   | s IC TL064CPW         |
| IC109               | 8-752-052-77   | s IC CXA1450M         |
| IC110               | 8-752-363-60   | s IC CXD2307R-T6      |
| IC111               | 8-759-287-54   | s IC TL084CPW-E20     |
| IC112               | 8-759-287-54   | s IC TL084CPW-E20     |
| IC113               | 8-759-287-54   | s IC TL084CPW-E20     |
| IC114               | 8-759-066-59   | s IC TC74HC4053AFS    |
| IC115               | 8-752-054-80   | s IC CXA1521M         |
| IC116               | 8-752-054-80   | s IC CXA1521M         |
| IC117               | 8-759-906-59   | s IC CX22017          |
| IC118               | 8-759-907-81   | s IC SN74LS221NS      |
| IC301               | 8-759-082-59   | s IC TC7W32FU         |
| IC302               | 8-759-082-61   | s IC TC4W53FU         |
| IC304               | 8-759-287-54   | s IC TL084CPW-E20     |
| IC305               | 8-759-082-61   | s IC TC4W53FU         |
| IC306               | 8-752-052-73   | s IC CXA1451M         |
| IC307               | 8-752-052-73   | s IC CXA1451M         |
| IC308               | 8-759-262-00   | s IC MC14576CF        |
| IC309               | 8-752-052-73   | s IC CXA1451M         |
| IC310               | 8-752-052-73   | s IC CXA1451M         |
| IC311               | 8-752-052-73   | s IC CXA1451M         |
| IC312               | 8-759-082-61   | s IC TC4W53FU         |
| IC501               | 8-759-082-57   | s IC TC7W04FU         |
| IC502               | 8-752-052-77   | s IC CXA1450M         |
| IC503               | 8-752-052-77   | s IC CXA1450M         |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description         |
|---------------------|--------------|------------------------|
| IC504               | 8-759-173-16 | s IC TL062CPW          |
| IC505               | 8-759-076-06 | s IC TL064CPW          |
| IC506               | 8-759-430-88 | s IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 | s IC HA17431UA-TL      |
| IC508               | 8-759-076-06 | s IC TL064CPW          |
| IC509               | 8-752-052-77 | s IC CXA1450M          |
| IC510               | 8-759-262-03 | s IC MC14577CF         |
| IC512               | 8-759-987-27 | s IC LM1881M           |
| IC513               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 | s IC LM311PS           |
| IC515               | 8-759-702-08 | s IC NJM360M           |
| IC516               | 8-752-052-77 | s IC CXA1450M          |
| IC601               | 8-759-082-57 | s IC TC7W04FU          |
| IC602               | 8-759-250-81 | s IC TC5081AP          |
| IC603               | 8-759-079-67 | s IC TC74VHC125FS(EL)  |
| IC604               | 8-759-058-58 | s IC TC7S04FU(TE85R)   |
| IC605               | 8-759-357-24 | s IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 | s IC CXD1216M          |
| IC607               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 | s IC TC74HC191AF       |
| IC609               | 8-759-082-57 | s IC TC7W04FU          |
| IC610               | 8-759-271-86 | s IC TC7SH04FU         |
| IC611               | 8-759-271-86 | s IC TC7SH04FU         |
| IC612               | 8-759-079-66 | s IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 | s IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 | s IC CXD8165Q          |
| IC615               | 8-752-339-46 | s IC CXD1177Q          |
| IC616               | 8-759-082-57 | s IC TC7W04FU          |
| IC617               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC618               | 8-759-271-86 | s IC TC7SH04FU         |
| IC619               | 8-759-271-86 | s IC TC7SH04FU         |
| IC701               | 8-759-079-72 | s IC TC74VHC139FS(EL)  |
| IC702               | 8-759-079-46 | s IC TC74VHC00FS(EL)   |
| IC703               | 8-759-514-57 | s IC BA7046F           |
| IC704               | 8-759-987-27 | s IC LM1881M           |
| IC705               | 8-759-710-12 | s IC NJM2230M          |
| IC706               | 8-759-035-90 | s IC TC7S02F           |
| IC707               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC709               | 8-759-066-59 | s IC TC74HC4053AFS     |
| IC711               | 8-752-375-75 | s IC CXD2131Q-T4       |
| IC712               | 8-759-173-16 | s IC TL062CPW          |
| IC901               | 8-759-387-83 | s IC MB40569PFV-ER     |
| IC902               | 8-759-277-19 | s IC UPD485505G-35     |
| IC903               | 8-759-277-19 | s IC UPD485505G-35     |
| IC904               | 8-759-277-19 | s IC UPD485505G-35     |
| IC905               | 8-759-513-76 | s IC CXD8161AQ         |
| IC906               | 8-759-058-64 | s IC TC7S32FU(TE85R)   |
| IC907               | 8-759-082-57 | s IC TC7W04FU          |
| IC908               | 8-752-363-60 | s IC CXD2307R-T6       |
| IC909               | 8-759-173-16 | s IC TL062CPW          |
| IC910               | 8-752-052-73 | s IC CXA1451M          |
| IC911               | 8-752-052-73 | s IC CXA1451M          |
| IC912               | 8-752-052-73 | s IC CXA1451M          |
| IC913               | 8-759-089-61 | s IC TC74HC4052AFS(EL) |
| IC915               | 8-759-066-61 | s IC TC4053BFS         |
| IC916               | 8-759-262-00 | s IC MC14576CF         |
| IC917               | 8-759-058-64 | s IC TC7S32FU(TE85R)   |
| IC918               | 8-759-287-54 | s IC TL084CPW-E20      |
| IC919               | 8-759-082-61 | s IC TC4W53FU          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| IC1001              | 8-759-058-58 | s IC TC7S04FU (TE85R)   |
| IC1002              | 8-759-184-64 | s IC TC4W66FU (TE12R)   |
| IC1003              | 8-752-339-04 | s IC CXD2208Q           |
| IC1004              | 8-759-076-06 | s IC TL064CPW           |
| IC1005              | 8-759-076-06 | s IC TL064CPW           |
| IC1006              | 8-759-173-16 | s IC TL062CPW           |
| IC1007              | 8-759-058-58 | s IC TC7S04FU (TE85R)   |
| IC1008              | 8-759-082-60 | s IC TC7S66FU           |
| IC1009              | 8-759-520-55 | s IC CXD8243AM          |
| IC1010              | 8-759-079-49 | s IC TC74VHC04FS (EL)   |
| IC1011              | 8-759-184-64 | s IC TC4W66FU (TE12R)   |
| IC1012              | 8-759-066-59 | s IC TC74HC4053AFS      |
| IC1013              | 8-759-079-66 | s IC TC74VHC123AFS (EL) |
| IC1014              | 8-759-987-27 | s IC LM1881M            |
| IC1015              | 8-759-907-81 | s IC SN74LS221NS        |
| IC1016              | 8-759-324-03 | s IC HA17431UA-TL       |
| IC1017              | 8-759-186-54 | s IC TC74VHC164F (EL)   |
| IC1018              | 8-759-324-03 | s IC HA17431UA-TL       |
| IC1019              | 8-759-079-61 | s IC TC74VHC74FS (EL)   |
| IC1020              | 8-759-079-66 | s IC TC74VHC123AFS (EL) |
| IC1021              | 8-759-907-81 | s IC SN74LS221NS        |
| IC1022              | 8-759-058-64 | s IC TC7S32FU (TE85R)   |
| IC1023              | 8-759-079-61 | s IC TC74VHC74FS (EL)   |
| IC1024              | 8-759-066-59 | s IC TC74HC4053AFS      |
| IC1025              | 8-759-079-46 | s IC TC74VHC00FS (EL)   |
| IC1026              | 8-759-082-61 | s IC TC4W53FU           |
| L101                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L102                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L103                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L104                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L105                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L106                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L107                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L108                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L109                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L110                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L111                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L112                | 1-414-404-11 | s INDUCTOR, CHIP 100uH  |
| L113                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L114                | 1-414-404-11 | s INDUCTOR, CHIP 100uH  |
| L115                | 1-410-385-11 | s INDUCTOR, CHIP 22uH   |
| L116                | 1-410-385-11 | s INDUCTOR, CHIP 22uH   |
| L117                | 1-410-393-11 | s INDUCTOR, CHIP 100uH  |
| L301                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L302                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L303                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L304                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L305                | 1-410-391-11 | s INDUCTOR, CHIP 68uH   |
| L305                | 1-410-393-11 | s INDUCTOR, CHIP 100uH  |
| L306                | 1-410-391-11 | s INDUCTOR, CHIP 68uH   |
| L306                | 1-410-393-11 | s INDUCTOR, CHIP 100uH  |
| L307                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L308                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L309                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L310                | 1-410-387-11 | s INDUCTOR, CHIP 33uH   |
| L311                | 1-410-387-11 | s INDUCTOR, CHIP 33uH   |
| L312                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |
| L313                | 1-414-402-11 | s INDUCTOR, CHIP 47uH   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |            |
|---------------------|--------------|---------------------------|------------|
| L314                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     |            |
| L315                | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |            |
| L501                | 1-410-390-11 | s INDUCTOR, CHIP 56uH     | [For NTSC] |
| L501                | 1-410-392-11 | s INDUCTOR, CHIP 82uH     | [For PAL]  |
| L502                | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L503                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L504                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L505                | 1-410-391-11 | s INDUCTOR, CHIP 68uH     |            |
| L506                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L507                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L601                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L602                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L603                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L604                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L605                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L605                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     | [For PAL]  |
| L606                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L606                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     | [For PAL]  |
| L607                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L607                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     | [For PAL]  |
| L608                | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L608                | 1-410-386-11 | s INDUCTOR, CHIP 27uH     | [For PAL]  |
| L701                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L702                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L703                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L704                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L901                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L902                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L903                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    | [For NTSC] |
| L903                | 1-410-372-21 | s INDUCTOR, CHIP 1.8uH    | [For PAL]  |
| L904                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    |            |
| L905                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L906                | 1-410-373-31 | s INDUCTOR, CHIP 2.2uH    | [For NTSC] |
| L906                | 1-410-372-21 | s INDUCTOR, CHIP 1.8uH    | [For PAL]  |
| L907                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L908                | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L909                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L910                | 1-414-400-11 | s INDUCTOR, CHIP 22uH     |            |
| L1001               | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L1002               | 1-410-387-11 | s INDUCTOR, CHIP 33uH     |            |
| L1003               | 1-410-375-11 | s INDUCTOR, CHIP 3.3uH    |            |
| L1004               | 1-410-389-31 | s INDUCTOR, CHIP 47uH     | [For NTSC] |
| L1004               | 1-410-387-11 | s INDUCTOR, CHIP 33uH     | [For PAL]  |
| L1005               | 1-410-378-11 | s INDUCTOR, CHIP 5.6uH    |            |
| L1006               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| L1007               | 1-414-402-11 | s INDUCTOR, CHIP 47uH     |            |
| L1008               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1009               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1010               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1011               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| L1012               | 1-410-393-11 | s INDUCTOR, CHIP 100uH    |            |
| L1013               | 1-414-404-11 | s INDUCTOR, CHIP 100uH    |            |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q103                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q104                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5H6 |            |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |
| Q106                | 8-729-117-32 | s TRANSISTOR 2SC4177      |            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q107                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q302                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q322                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q323                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q324                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q325                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q326                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q327                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q328                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q329                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q330                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q331                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q332                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q333                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q334                | 8-729-422-44 s | TRANSISTOR 2SK663       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| Q335                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q336                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q337                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q338                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q339                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q340                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q341                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q342                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q343                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q344                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q345                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q346                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q347                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q348                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q349                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q350                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q502                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q503                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q504                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q505                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q506                | 8-729-904-41 s | TRANSISTOR FMY3           |
| Q507                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q601                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q602                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q603                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q604                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q605                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q606                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q607                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q608                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q703                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q704                | 8-729-027-38 s | TRANSISTOR DTA144EKA-T146 |
| Q705                | 8-729-027-59 s | TRANSISTOR DTC144EKA-T146 |
| Q706                | 8-729-904-41 s | TRANSISTOR FMY3           |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q709                | 8-729-904-04 s | TRANSISTOR FMS2           |
| Q710                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q711                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q712                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q713                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q714                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q715                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q716                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q718                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q719                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q720                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q721                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q722                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q723                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q724                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q725                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q726                | 8-729-117-32 s | TRANSISTOR 2SC4177        |

[For NTSC]



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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |            |
|---------------------|--------------|-----------------------------|------------|
| Q727                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q728                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q729                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q730                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q731                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q732                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q733                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q734                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q735                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q736                | 8-729-117-32 | s TRANSISTOR 2SC4177        | [For NTSC] |
| Q737                | 8-729-904-04 | s TRANSISTOR FMS2           |            |
| Q901                | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |            |
| Q902                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q903                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q904                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q905                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q906                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q907                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q908                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q909                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q911                | 8-729-422-44 | s TRANSISTOR 2SK663         |            |
| Q912                | 8-729-422-44 | s TRANSISTOR 2SK663         |            |
| Q914                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q915                | 8-729-422-44 | s TRANSISTOR 2SK663         |            |
| Q916                | 8-729-422-44 | s TRANSISTOR 2SK663         |            |
| Q917                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q918                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q919                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q920                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q921                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q922                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q923                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q924                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q925                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q926                | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q927                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1001               | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |            |
| Q1002               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1003               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1004               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1005               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1006               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1007               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1008               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1009               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1010               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1011               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1012               | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146 |            |
| Q1013               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1014               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1015               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1016               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6   |            |
| Q1017               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1018               | 8-729-140-47 | s TRANSISTOR 2SC3735-B34    |            |
| Q1019               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1020               | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33   |            |
| Q1021               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |
| Q1022               | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33   |            |
| Q1023               | 8-729-117-32 | s TRANSISTOR 2SC4177        |            |

(IO-149/149A BOARD; Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |  |
|---------------------|--------------|---------------------------------------|--|
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W         |  |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |  |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |  |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |  |
| R106                | 1-216-295-91 | s RES, CHIP 0                         |  |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W         |  |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W         |  |
| R110                | 1-216-295-91 | s RES, CHIP 0                         |  |
| R112                | 1-216-295-91 | s RES, CHIP 0                         |  |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W         |  |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |  |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |  |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |  |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W         |  |
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |  |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |  |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |  |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |  |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |  |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |  |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |  |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |  |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |  |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |  |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |  |
| R142                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |  |
| R143                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |  |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W          |  |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |  |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |  |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |  |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |  |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |  |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |  |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |  |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |  |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |  |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |  |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |  |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |  |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |  |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |  |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |  |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R162                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W         |
| R163                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W          |
| R164                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W         |
| R165                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W         |
| R166                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W          |
|                     |                |                                     |
| R167                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W         |
| R168                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R169                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W            |
| R170                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W            |
| R171                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W            |
|                     |                |                                     |
| R172                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W          |
| R173                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W         |
| R174                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W         |
| R175                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R176                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W         |
|                     |                |                                     |
| R177                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R178                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R179                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R180                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R181                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
|                     |                |                                     |
| R182                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R183                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R184                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R185                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R186                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
|                     |                |                                     |
| R187                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R188                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R189                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R190                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R191                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
|                     |                |                                     |
| R192                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R193                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R194                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R195                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R196                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
|                     |                |                                     |
| R197                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R198                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R199                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R200                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
|                     |                |                                     |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R203                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R204                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R205                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
|                     |                |                                     |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R209                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R210                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R211                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
|                     |                |                                     |
| R212                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R213                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R214                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R215                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R216                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
|                     |                |                                     |
| R217                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R218                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R219                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R220                | 1-216-295-91 s | RES, CHIP 0                         |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                       |
|---------------------|----------------|--------------------------------------|
| R221                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R222                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R224                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R225                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W          |
|                     |                |                                      |
| R226                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R227                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W          |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W          |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
|                     |                |                                      |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W              |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W              |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W              |
|                     |                |                                      |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W           |
|                     |                |                                      |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W           |
|                     |                |                                      |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W           |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W           |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W           |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W           |
|                     |                |                                      |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W            |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R258                | 1-216-295-91 s | RES, CHIP 0                          |
| R259                | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W          |
|                     |                |                                      |
| [For NTSC]          |                |                                      |
| R259                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W [For PAL] |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R262                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W           |
|                     |                |                                      |
| [For NTSC]          |                |                                      |
| R262                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W [For PAL] |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
|                     |                |                                      |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W           |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
|                     |                |                                      |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W          |
| R273                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W [For PAL]  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R274                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R275                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R276                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R277                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R278                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R279                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R280                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |
| R281                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R282                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R282                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W[For PAL]  |
| R283                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R284                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R285                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R286                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R301                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R302                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R303                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R306                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R307                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R308                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R309                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R310                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R311                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R312                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W          |
| R313                | 1-216-295-91 | s RES, CHIP 0                         |
| R314                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R315                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R317                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W          |
| R318                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R319                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R322                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R323                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R324                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R325                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R326                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W          |
| R327                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R328                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R329                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R330                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R331                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R332                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R333                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R336                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W           |
| R337                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W          |
| R338                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R339                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R340                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R341                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R343                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R344                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R345                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R346                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W            |
| R347                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R348                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R382                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R383                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R384                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R385                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R389                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R390                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R399                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R400                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R401                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R403                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R404                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R411                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W           |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R417                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R418                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R419                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R420                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R422                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R423                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R424                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R425                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R426                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R428                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R429                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R430                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R431                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R432                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R433                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R434                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W[For NTSC] |
| R434                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R435                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W         |
| [For NTSC]          |              |                                       |
| R435                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R436                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R437                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R438                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R439                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R440                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R441                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R442                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R443                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R444                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W          |
| R445                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R446                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R447                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W[For NTSC] |
| R447                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R448                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R449                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W         |
| [For NTSC]          |              |                                       |
| R449                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R450                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R451                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R452                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R453                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R454                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R456                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R457                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R458                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R459                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R501                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R502                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R503                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| [For NTSC]          |              |                               |
| R503                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| [For PAL]           |              |                               |
| R504                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R505                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R506                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| [For NTSC]          |              |                               |
| R507                | 1-216-295-91 | s RES, CHIP 0                 |
| R507                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| [For NTSC]          |              |                               |
| [For PAL]           |              |                               |
| R508                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R509                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R510                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| [For NTSC]          |              |                               |
| R511                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| [For PAL]           |              |                               |
| R512                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| [For NTSC]          |              |                               |
| R513                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R537                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W    |
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R567                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R570                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R574                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R576                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R577                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R579                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W    |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R593                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R596                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                           |
|---------------------|--------------|--|
| R597                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W             |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W               |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC]    |
| R603                | 1-216-295-91 | s RES, CHIP 0 [For PAL]                  |
| R604                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC]    |
| R605                | 1-216-295-91 | s RES, CHIP 0 [For PAL]                  |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W               |
| R607                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W              |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W                |
| R609                | 1-216-295-91 | s RES, CHIP 0                            |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W                |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W               |
| R613                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC]    |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W               |
| R615                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W [For PAL]    |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W                |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W               |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W               |
| R619                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W              |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W              |
| R621                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W              |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W              |
| R623                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W             |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W               |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W             |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W               |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W              |
| R628                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W             |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W              |
| R630                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W             |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W               |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W               |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W                |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W              |
| R635                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W            |
| R637                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W[For NTSC]    |
| R637                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W [For PAL]  |
| R638                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W [For NTSC]  |
| R638                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W [For PAL]  |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W                |
| R640                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W [For NTSC] |
| R640                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W [For PAL]  |
| R641                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W [For NTSC]  |
| R641                | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W[For PAL]    |
| R642                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R643                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W          |
| R644                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W          |
| [For NTSC]          |                |                                     |
| R644                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R645                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W          |
| [For NTSC]          |                |                                     |
| R645                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R646                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R647                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R648                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W            |
| R649                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W            |
| R650                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R651                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R652                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R653                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R654                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R655                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R656                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R657                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R658                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R659                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R701                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W          |
| R702                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W         |
| R703                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W          |
| R704                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R705                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R706                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R707                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W           |
| R708                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W            |
| R709                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R711                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R712                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R713                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R714                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W            |
| R715                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R716                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R717                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W           |
| R718                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R719                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R720                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W           |
| R721                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W           |
| R722                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R723                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W            |
| R724                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W          |
| R725                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W         |
| R726                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W          |
| R727                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R728                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R729                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R730                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W          |
| R731                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W          |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R733                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W         |
| R734                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W         |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R736                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R737                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R738                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R739                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R740                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R741                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R742                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R743                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For NTSC] |
| R744                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R745                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W        |
| R746                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W        |
| R747                | 1-208-630-11 s | METAL, CHIP 11.49 0.1% 1/16W        |
| R748                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W           |
| R749                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W           |
| R750                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W           |
| R751                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W           |
| R752                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R754                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R755                | 1-208-623-11 s | METAL, CHIP 1.43k 0.1% 1/16W        |
| R756                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W        |
| R757                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W        |
| R758                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W         |
| R759                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W        |
| R760                | 1-208-630-11 s | METAL, CHIP 11.49 0.1% 1/16W        |
| R761                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W           |
| R762                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R763                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W           |
| R764                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W           |
| R765                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R766                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R767                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R768                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R769                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W[For NTSC] |
| R769                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W[For PAL] |
| R770                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R771                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R772                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W[For NTSC] |
| R772                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W[For PAL] |
| R773                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W          |
| R774                | 1-216-618-11 s | METAL, CHIP 43 0.50% 1/10W          |
| R775                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R776                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W             |
| R777                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W             |
| R778                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R779                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R780                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R781                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R782                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R783                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R784                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R785                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R786                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R787                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R788                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R789                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |
| R790                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W            |
| R794                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R795                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R796                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R797                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W          |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R798                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R799                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W          |
| R800                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R801                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R802                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R803                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R804                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R805                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R806                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R807                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R808                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R809                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W [For NTSC] |
| R810                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W [For NTSC] |
| R811                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R812                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W [For NTSC] |
| R813                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R814                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W [For NTSC] |
| R815                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W [For NTSC] |
| R816                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W [For NTSC] |
| R817                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R818                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R819                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R820                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W [For NTSC] |
| R821                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R901                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R902                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R903                | 1-216-295-91 | s RES, CHIP 0                         |
| R905                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R906                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R907                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R908                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R909                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R910                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R911                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R912                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R913                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W          |
| R914                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R915                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R916                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W          |
| R917                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R918                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R919                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R920                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R921                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
|                     |              | [For NTSC]                            |
| R922                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W          |
| R923                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
|                     |              | [For NTSC]                            |
| R923                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R924                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R925                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R926                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R927                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R928                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                         |
|---------------------|--------------|--|
| R929                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R930                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R931                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R932                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R933                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R934                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R935                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R936                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R937                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R938                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W            |
| R939                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W           |
| R940                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W             |
| R941                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R944                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R945                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W            |
| R947                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R948                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R950                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R951                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R952                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R953                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W           |
|                     |              | [For NTSC]                             |
| R953                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W [For PAL] |
| R954                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W            |
| R955                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W             |
| R956                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W          |
| R957                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W            |
| R958                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R959                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W           |
|                     |              | [For NTSC]                             |
| R959                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W [For PAL] |
| R960                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R961                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W          |
| R962                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W            |
| R963                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W           |
| R964                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W          |
| R965                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W           |
| R966                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W          |
| R967                | 1-216-295-91 | s RES, CHIP 0                          |
| R968                | 1-216-295-91 | s RES, CHIP 0                          |
|                     |              | [For PAL]                              |
| R969                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W [For NTSC] |
| R969                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W [For PAL]  |
| R970                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W [For NTSC] |
| R970                | 1-208-755-11 | s METAL, CHIP 75 0.5% 1/10W [For PAL]  |
| R971                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R972                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W              |
| R977                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W          |
| R978                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W           |
| R979                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W            |
| R980                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R981                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W            |
| R982                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W              |
| R984                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W              |
| R985                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W          |
| R987                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W             |
| R988                | 1-216-295-91 | s RES, CHIP 0                          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R989                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R990                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R991                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R992                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R993                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R995                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R996                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R997                | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W[For NTSC] |
| R998                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R999                | 1-216-295-91 | s RES, CHIP 0 [For NTSC]              |
| R1001               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1002               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1003               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1004               | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R1005               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1006               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1007               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1008               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1009               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1010               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1011               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1012               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1013               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1014               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R1015               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1016               | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W          |
| R1017               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1018               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1019               | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R1020               | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R1021               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R1022               | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R1023               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1024               | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R1025               | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R1026               | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W         |
|                     |              | [For NTSC]                            |
| R1026               | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R1027               | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W           |
| R1028               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1029               | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R1030               | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R1031               | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R1032               | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R1033               | 1-218-760-11 | s METAL, CHIP 220k 0.5% 1/10W         |
| R1034               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1035               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1036               | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R1037               | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R1038               | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R1039               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1040               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1041               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R1042               | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R1043               | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W  |
| R1044               | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R1045               | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R1046               | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R1047               | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W   |
| R1048               | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R1049               | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R1050               | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R1051               | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R1052               | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R1053               | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R1054               | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R1055               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1056               | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R1057               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1058               | 1-216-133-00 | s METAL, CHIP 3.3M 5% 1/10W   |
| R1059               | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R1060               | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R1061               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R1062               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1064               | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R1065               | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R1066               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R1067               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1068               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R1069               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1070               | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R1071               | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R1072               | 1-216-295-91 | s RES, CHIP 0 [For PAL]       |
| R1073               | 1-216-295-91 | s RES, CHIP 0                 |
| R1075               | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R1076               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R1077               | 1-216-295-91 | s RES, CHIP 0 [For PAL]       |
| R1078               | 1-216-295-91 | s RES, CHIP 0 [For PAL]       |
| R1079               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R1080               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R1081               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R1083               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R1084               | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W   |
| R1085               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R1086               | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W   |
| R1087               | 1-216-696-11 | s METAL, CHIP 75k 0.5% 1/10W  |
| R1088               | 1-216-074-00 | s METAL, CHIP 11k 10% 1/10W   |
| R1089               | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R1090               | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R1091               | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
|                     |              | [For NTSC]                    |
| R1091               | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
|                     |              | [For PAL]                     |
| R1092               | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
|                     |              | [For NTSC]                    |
| R1092               | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
|                     |              | [For PAL]                     |

(IO-149/149A BOARD; Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R1093               | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W     |
| R1094               | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W   |
| R1095               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R1097               | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R1098               | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W    |
| R1099               | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W    |
| R1100               | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W      |
| R1101               | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W     |
| R1102               | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W    |
| R1103               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R1104               | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W     |
| R1105               | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W     |
| R1106               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R1108               | 1-208-790-11 | s METAL, CHIP 2.2k 0.5% 1/10W   |
| R1109               | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W    |
| R1110               | 1-216-117-00 | s METAL, CHIP 680k 5% 1/10W     |
| R1111               | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W      |
| R1112               | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W      |
| R1113               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W     |
| RB101               | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB103               | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB201               | 1-233-235-11 | s RESISTOR BLOCK, CHIP 10k x 4  |
| RB202               | 1-233-235-11 | s RESISTOR BLOCK, CHIP 10k x 4  |
| RB701               | 1-233-234-11 | s RESISTOR BLOCK, CHIP 2.2k x 4 |
| RB1000              | 1-233-237-11 | s RESISTOR BLOCK, CHIP 100k x 4 |
| RB1001              | 1-239-999-11 | s RESISTOR BLOCK, CHIP 1k x 4   |
| RV101               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV102               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV103               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV104               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV105               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV106               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV107               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV108               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV109               | 1-237-036-11 | s RES, ADJ METAL 10k            |
| RV110               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV111               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV112               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV301               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV302               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV303               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV304               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV305               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV306               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV307               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV308               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV309               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV310               | 1-237-034-11 | s RES, ADJ METAL 2k             |
| RV311               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV312               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV313               | 1-237-035-11 | s RES, ADJ METAL 5k             |
| RV314               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV315               | 1-237-032-11 | s RES, ADJ METAL 500            |
| RV316               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV317               | 1-237-033-11 | s RES, ADJ METAL 1k             |
| RV318               | 1-237-030-11 | s RES, ADJ METAL 100            |
| RV319               | 1-237-030-11 | s RES, ADJ METAL 100            |

[For NTSC]

(IO-149/149A BOARD; Suffix -13)

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| RV501               | 1-237-035-11 | s RES, ADJ METAL 5k     |
| RV502               | 1-237-036-11 | s RES, ADJ METAL 10k    |
| RV503               | 1-237-037-11 | s RES, ADJ METAL 20k    |
| RV504               | 1-237-036-11 | s RES, ADJ METAL 10k    |
| RV505               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV506               | 1-237-033-11 | s RES, ADJ METAL 1k     |
| RV601               | 1-237-035-11 | s RES, ADJ METAL 5k     |
| RV701               | 1-237-033-11 | s RES, ADJ METAL 1k     |
| RV702               | 1-237-033-11 | s RES, ADJ METAL 1k     |
| RV703               | 1-237-032-11 | s RES, ADJ METAL 500    |
| RV704               | 1-237-031-11 | s RES, ADJ METAL 200    |
| RV901               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV902               | 1-237-035-11 | s RES, ADJ METAL 5k     |
| RV903               | 1-237-036-11 | s RES, ADJ METAL 10k    |
| RV904               | 1-237-031-11 | s RES, ADJ METAL 200    |
| RV905               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV906               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV907               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV908               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV909               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV910               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV911               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV912               | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV913               | 1-237-031-11 | s RES, ADJ METAL 200    |
| RV914               | 1-237-031-11 | s RES, ADJ METAL 200    |
| RV915               | 1-237-033-11 | s RES, ADJ METAL 1k     |
| RV1001              | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV1002              | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV1003              | 1-237-034-11 | s RES, ADJ METAL 2k     |
| RV1004              | 1-237-034-11 | s RES, ADJ METAL 2k     |
| S901                | 1-571-275-31 | s SWITCH, SLIDE         |
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |
| TH901               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz      |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz      |
| X602                | 1-527-722-00 | s CRYSTAL 14.31818MHz   |
| X602                | 1-760-457-11 | s CRYSTAL 17.7345MHz    |
| X1001               | 1-760-109-21 | s CRYSTAL 10.738635MHz  |
| X1001               | 1-760-183-21 | s CRYSTAL 10.664135MHz  |
| X1002               | 1-527-722-00 | s CRYSTAL 14.31818MHz   |
| X1002               | 1-760-457-11 | s CRYSTAL 17.7345MHz    |

[For NTSC]

[For NTSC]

[For PAL]

[For NTSC]

[For PAL]

[For NTSC]

[For PAL]

## IO-149/149A BOARD; Suffix -11, 12

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -11 and -12.

1pc A-8315-283-A o MOUNTED CIRCUIT BOARD, IO-149  
[for NTSC]

1pc A-8315-293-A o MOUNTED CIRCUIT BOARD, IO-149A  
[for PAL]

The IO-149 board with board suffix numbers -11 and -12 includes the DUS-101 board.  
See the list in the DUS-101 board for details.

1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD

C1 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C2 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C3 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C4 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C5 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C6 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C11 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C12 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C13 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C14 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C15 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C16 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C21 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C22 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C23 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C24 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C25 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C26 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C31 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C32 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C33 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C34 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C35 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C36 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C37 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

C38 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C39 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C40 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C102 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C103 1-126-396-11 s ELECT, CHIP 47uF 20% 16V  
C104 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C105 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C106 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C107 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C108 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C109 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C110 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C111 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C112 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

C113 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V

## (IO-149/149A BOARD; Suffix -11, 12)

Ref. No.  
or Q'ty Part No. SP Description

C114 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C115 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C116 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C117 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C118 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

C119 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V  
C120 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C121 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C122 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C123 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C124 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C125 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C126 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C127 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C128 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C129 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C130 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C131 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C132 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C133 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

C134 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C135 1-126-394-11 s ELECT, CHIP 10uF 20% 16V  
C136 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C137 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C138 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C139 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C140 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C141 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C142 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V  
C143 1-126-392-11 s ELECT, CHIP 100uF 20% 6.3V

C144 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C145 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C146 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C147 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C148 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C149 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C150 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C151 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C152 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C153 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V

C154 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
C155 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C156 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C157 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C158 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C159 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C160 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C161 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C162 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C163 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C164 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C165 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C166 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C167 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C168 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V

C169 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C170 1-163-037-11 s CERAMIC, CHIP 0.022uF 10% 25V  
C171 1-126-391-11 s ELECT, CHIP 47uF 20% 6.3V  
C172 1-126-396-11 s ELECT, CHIP 47uF 20% 16V

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C173                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C174                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C175                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C176                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C177                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C178                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C179                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C180                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C181                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C182                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C183                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C184                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C185                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C186                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C187                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C188                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C189                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C190                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C191                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C192                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C193                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C194                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C195                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C196                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C197                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C198                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V            |
| C199                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C200                | 1-126-401-11 | s ELECT, CHIP 1uF 20% 50V             |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C202                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C203                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C204                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V       |
| C205                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C206                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C207                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C208                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C209                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C210                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C211                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C212                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C213                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C214                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C215                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C216                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C217                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C218                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C220                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V[For NTSC] |
| C220                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V[For PAL] |
| C221                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C222                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C223                | 1-163-118-00 | s CERAMIC, CHIP 110pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C223                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V[For PAL] |
| C224                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C225                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V [For NTSC]    |
| C225                | 1-163-087-00 | s CERAMIC, CHIP 4pF 50V [For PAL]     |
| C226                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| C227                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V [For PAL] |
| C228                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C229                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V          |
| C230                | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V           |
| C231                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C232                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C235                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V           |
| C301                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C302                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C304                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C305                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C308                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C309                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C310                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C311                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C311                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C312                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C315                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C316                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C317                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C318                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C319                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V          |
| [For NTSC]          |              |                                       |
| C319                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C320                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C321                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C324                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C326                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C327                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V           |
| C328                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C329                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C330                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C331                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V            |
| C332                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C334                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V [For NTSC]    |
| C334                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V [For PAL]     |
| C335                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V       |
| C337                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V           |
| C338                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V             |
| C339                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C340                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V           |
| C341                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C342                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V           |
| C343                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V          |
| C344                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C344                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C345                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V[For NTSC] |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C345                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C346                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C347                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C348                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C349                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |
| C350                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C351                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C352                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C353                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C354                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C355                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C356                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C357                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C358                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C359                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C360                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C361                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C362                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V[For NTSC] |
| C362                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V [For PAL] |
| C363                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C364                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C365                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V               |
| C366                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C367                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C368                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C369                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C370                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C371                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C372                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C373                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C374                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C375                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C376                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C377                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C378                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C379                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C380                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C381                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C382                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C383                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C384                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C385                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C386                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C387                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C388                | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V           |
| C501                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C501                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C503                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C504                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C505                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C506                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C507                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C508                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C509                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C510                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C511                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C512                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V           |
| C513                | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C516                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| [For NTSC]          |                |                                     |
| C516                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V[For PAL] |
| C517                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
| C518                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C519                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C520                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C521                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C522                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C523                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C524                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C525                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V          |
| C526                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C527                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C528                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C529                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C530                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C531                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C533                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C534                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C535                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C536                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C537                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V       |
| C538                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C539                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C540                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C543                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C544                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C545                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C546                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C546                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V [For PAL] |
| C547                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C548                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C549                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C550                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C551                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C552                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C553                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C601                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C602                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C603                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C604                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
| C605                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C606                | 1-126-404-11 s | ELECT 4.7uF 20% 50V                 |
| C607                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
| C608                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C609                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C610                | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V          |
| C611                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| [For NTSC]          |                |                                     |
| C611                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V         |
| [For PAL]           |                |                                     |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C612                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C613                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V[For NTSC] |
| C613                | 1-163-106-00 s | CERAMIC, CHIP 36pF 5% 50V [For PAL] |
| C614                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C615                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V           |
| C616                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
| C617                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V          |
| C618                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
| C619                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V          |
| C620                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |
| C621                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V       |
| C622                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C623                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C624                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C625                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C626                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C627                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C628                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C629                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C631                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V           |
| C632                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C633                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C634                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C635                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C636                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C637                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C638                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C639                | 1-163-165-00 s | CERAMIC, CHIP 22pF 5% 50V[For NTSC] |
| C639                | 1-163-102-00 s | CERAMIC, CHIP 24pF 5% 50V [For PAL] |
| C640                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C641                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C642                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C643                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C644                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C645                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C646                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C647                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C648                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C649                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C650                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C651                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C652                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C652                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C653                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C653                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C654                | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C654                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C655                | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V[For NTSC] |
| C655                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V [For PAL] |
| C656                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C656                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C657                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5% 50V[For NTSC] |
| C657                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V [For PAL] |
| C658                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C659                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C660                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C661                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C663                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V          |
| C701                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| C702                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C703                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C704                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C705                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C706                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C707                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C708                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C709                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C710                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
| C711                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C712                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V           |
| C713                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
| C714                | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V            |
| C715                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C716                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C717                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C718                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C719                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C720                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C721                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C722                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V        |
|                     |                | [For NTSC]                          |
| C723                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C724                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C725                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C726                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C727                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C728                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C729                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C730                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C731                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C732                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C733                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C735                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V             |
| C736                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C737                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C738                | 1-126-397-11 s | ELECT, CHIP 33uF 20% 25V [For NTSC] |
| C739                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C740                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V [For NTSC]  |
| C741                | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V [For NTSC]  |
| C742                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C743                | 1-163-145-00 s | CERAMIC, CHIP 0.0015uF 5% 50V       |
|                     |                | [For NTSC]                          |
| C744                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
|                     |                | [For NTSC]                          |
| C745                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C746                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C747                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V       |
|                     |                | [For NTSC]                          |
| C748                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C749                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C750                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C751                | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V           |
| C752                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |

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|---------------------|----------------|-------------------------------------|
| [For NTSC]          |                |                                     |
| C753                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V            |
| C754                | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V[For NTSC] |
| C755                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C901                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C902                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C903                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C904                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C905                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C906                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C907                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C908                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C909                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C911                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C914                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C915                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C916                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C917                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C918                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C919                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C920                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C921                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C922                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C923                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C924                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C925                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C926                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C927                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C928                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C929                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V             |
| C930                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C931                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C932                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C933                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C934                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C935                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C936                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C937                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V          |
| C938                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C939                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C940                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C941                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C942                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C943                | 1-163-169-00 s | CERAMIC, CHIP 33pF 5% 50V           |
| C945                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C946                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C947                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V            |
| C948                | 1-163-169-00 s | CERAMIC, CHIP 33pF 5% 50V           |
| C949                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C950                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C951                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C952                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C953                | 1-163-169-00 s | CERAMIC, CHIP 33pF 5% 50V           |
| C955                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V           |
| C956                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C957                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |
| C961                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V          |
| C962                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V       |

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|---------------------|----------------|-------------------------------|
| C965                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C966                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C967                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C968                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C969                | 1-126-392-11 s | ELECT, CHIP 100uF 20% 6.3V    |
| C970                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C971                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C972                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C973                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C980                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C981                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C982                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C984                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C986                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C987                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C1001               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C1002               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1003               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1004               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1005               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C1006               | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V     |
| C1007               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1008               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1009               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1010               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C1011               | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C1012               | 1-126-393-11 s | ELECT, CHIP 33uF 20% 10V      |
| C1013               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1014               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1015               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1016               | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C1017               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1018               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1019               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1020               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1021               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1022               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1023               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1024               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1025               | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C1026               | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| C1027               | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| C1028               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C1029               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1030               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1031               | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C1032               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1033               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1034               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1035               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1036               | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C1037               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1038               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1039               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1040               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1041               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C1042               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1043               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1044               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |

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|---------------------|----------------|-------------------------------|
| C1045               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C1046               | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V     |
| C1047               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1048               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V    |
| C1049               | 1-163-102-00 s | CERAMIC, CHIP 24pF 5% 50V     |
| C1050               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1051               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1052               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1053               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1054               | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V     |
| C1055               | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C1056               | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C1057               | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C1058               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1059               | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C1060               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1061               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1062               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1063               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1064               | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| C1065               | 1-126-390-11 s | ELECT, CHIP 22uF 20% 6.3V     |
| C1066               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1067               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1068               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1069               | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V      |
| C1070               | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C1071               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C1072               | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V      |
| C1073               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1074               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1075               | 1-126-401-11 s | ELECT, CHIP 1uF 20% 50V       |
| C1076               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1078               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1079               | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C1080               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1081               | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V    |
| C1082               | 1-163-259-91 s | CERAMIC, CHIP 220pF 5% 50V    |
| C1083               | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V |
| C1084               | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C1085               | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C1086               | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C1087               | 1-126-391-11 s | ELECT, CHIP 47uF 20% 6.3V     |
| C1088               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1089               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1090               | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C1091               | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C1092               | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C1093               | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C1094               | 1-164-222-11 s | CERAMIC, CHIP 0.22uF 25V      |
| C1095               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1096               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1097               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1098               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| C1099               | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V       |
| CT601               | 1-141-345-11 s | CAP, TRIMMER, CHIP 40pF       |
| CT602               | 1-141-345-11 s | CAP, TRIMMER, CHIP 40pF       |
| CT1001              | 1-141-322-11 s | CAP, TRIMMER, CHIP 20pF       |
| D1                  | 8-719-941-04 s | DIODE SB007-03CP              |

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|---------------------|------------------|-----------------------|
| D2                  | 8-719-941-04 s   | DIODE SB007-03CP      |
| D3                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25 |
| D4                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25 |
| D5                  | 8-719-053-18 s   | DIODE 1SR154-400TE-25 |
| D101                | 8-719-041-39 s   | DIODE KV1470          |
| D102                | 8-719-041-39 s   | DIODE KV1470          |
| D103                | 8-719-041-39 s   | DIODE KV1470          |
| D104                | 8-719-941-23 s   | DIODE DA204U          |
| D105                | 8-719-941-23 s   | DIODE DA204U          |
| D106                | 8-719-989-08 s   | DIODE RB717F          |
| D301                | 8-719-976-99 s   | DIODE DT25.1B         |
| D302                | 8-719-941-23 s   | DIODE DA204U          |
| D501                | 8-719-941-23 s   | DIODE DA204U          |
| D601                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A  |
| D602                | 8-719-002-81 s   | DIODE 1T363A-M20-T8A  |
| D701                | 8-719-941-23 s   | DIODE DA204U          |
| D702                | 8-719-056-74 s   | DIODE UDZ-TE-17-3.0B  |
| D703                | 8-719-024-81 s   | DIODE 1SS300-TE85L    |
| D901                | 8-719-941-04 s   | DIODE SB007-03CP      |
| D902                | 8-719-024-81 s   | DIODE 1SS300-TE85L    |
| D904                | 8-719-045-99 s   | DIODE RD2.2M-T1B      |
| D905                | 8-719-045-99 s   | DIODE RD2.2M-T1B      |
| D906                | 8-719-941-23 s   | DIODE DA204U          |
| D1001               | 8-719-041-39 s   | DIODE KV1470          |
| D1002               | 8-719-941-23 s   | DIODE DA204U          |
| D1003               | 8-719-941-23 s   | DIODE DA204U          |
| D1004               | 8-719-002-81 s   | DIODE 1T363A-M20-T8A  |
| D1005               | 8-719-941-23 s   | DIODE DA204U          |
| D1006               | 8-719-941-23 s   | DIODE DA204U          |
| D1007               | 8-719-941-23 s   | DIODE DA204U          |
| F1                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A     |
| F2                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A     |
| F3                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A     |
| F4                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A     |
| F5                  | △ 1-576-124-11 s | LINK, IC, CHIP 1A     |
| F6                  | △ 1-533-282-21 s | LINK, IC, CHIP 2A     |
| FB800               | 1-543-309-21 s   | BEAD, FERRITE         |
| FL101               | 1-233-598-11 s   | FILTER, LOW-PASS      |
| FL102               | 1-233-598-11 s   | FILTER, LOW-PASS      |
| FL103               | 1-233-614-11 s   | FILTER, LOW-PASS      |
| FL104               | 1-239-771-11 s   | FILTER, LOW-PASS      |
| FL701               | 1-233-614-11 s   | FILTER, LOW-PASS      |
| FL901               | 1-233-614-11 s   | FILTER, LOW-PASS      |
| FL902               | 1-233-598-11 s   | FILTER, LOW-PASS      |
| FL903               | 1-233-598-11 s   | FILTER, LOW-PASS      |
| FL1001              | 1-239-719-11 s   | FILTER, NOISE, CHIP   |
| FL1002              | 1-239-719-11 s   | FILTER, NOISE, CHIP   |
| FL1003              | 1-239-719-11 s   | FILTER, NOISE, CHIP   |
| IC1                 | 8-759-157-17 s   | IC PQ05SZ1U           |
| IC2                 | 8-759-157-17 s   | IC PQ05SZ1U           |
| IC3                 | 8-759-172-41 s   | IC L78M09T-TL         |
| IC4                 | 8-759-172-41 s   | IC L78M09T-TL         |
| IC5                 | 8-759-822-95 s   | IC L79M05T-FA         |
| IC6                 | 8-759-822-95 s   | IC L79M05T-FA         |
| IC7                 | 8-759-822-95 s   | IC L79M05T-FA         |
| IC8                 | 8-759-157-17 s   | IC PQ05SZ1U           |
| IC101               | 8-759-198-63 s   | IC S-81230SG-QB-T1    |

[For NTSC]

[For PAL]

[For PAL]

[For PAL]

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| IC102               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC103               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC105               | 8-759-278-58 s | IC NJM4558V-TE2      |
| IC106               | 8-759-082-61 s | IC TC4W53FU          |
| IC107               | 8-759-076-06 s | IC TL064CPW          |
| IC108               | 8-759-076-06 s | IC TL064CPW          |
| IC109               | 8-752-052-77 s | IC CXA1450M          |
| IC110               | 8-752-363-60 s | IC CXD2307R-T6       |
| IC111               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC112               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC113               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC114               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC115               | 8-752-054-80 s | IC CXA1521M          |
| IC116               | 8-752-054-80 s | IC CXA1521M          |
| IC117               | 8-759-906-59 s | IC CX22017           |
| IC118               | 8-759-907-81 s | IC SN74LS221NS       |
| IC301               | 8-759-082-59 s | IC TC7W32FU          |
| IC302               | 8-759-082-61 s | IC TC4W53FU          |
| IC304               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC305               | 8-759-082-61 s | IC TC4W53FU          |
| IC306               | 8-752-052-73 s | IC CXA1451M          |
| IC307               | 8-752-052-73 s | IC CXA1451M          |
| IC308               | 8-759-262-00 s | IC MC14576CF         |
| IC309               | 8-752-052-73 s | IC CXA1451M          |
| IC310               | 8-752-052-73 s | IC CXA1451M          |
| IC311               | 8-752-052-73 s | IC CXA1451M          |
| IC312               | 8-759-082-61 s | IC TC4W53FU          |
| IC501               | 8-759-082-57 s | IC TC7W04FU          |
| IC502               | 8-752-052-77 s | IC CXA1450M          |
| IC503               | 8-752-052-77 s | IC CXA1450M          |
| IC504               | 8-759-173-16 s | IC TL062CPW          |
| IC505               | 8-759-076-06 s | IC TL064CPW          |
| IC506               | 8-759-430-88 s | IC TC74HC4051AFS(EL) |
| IC507               | 8-759-324-03 s | IC HA17431UA-TL      |
| IC508               | 8-759-076-06 s | IC TL064CPW          |
| IC509               | 8-752-052-77 s | IC CXA1450M          |
| IC510               | 8-759-262-03 s | IC MC14577CF         |
| IC512               | 8-759-987-27 s | IC LM1881M           |
| IC513               | 8-759-079-66 s | IC TC74VHC123AFS(EL) |
| IC514               | 8-759-980-04 s | IC LM311PS           |
| IC515               | 8-759-702-08 s | IC NJM360M           |
| IC516               | 8-752-052-77 s | IC CXA1450M          |
| IC601               | 8-759-082-57 s | IC TC7W04FU          |
| IC602               | 8-759-250-81 s | IC TC5081AP          |
| IC603               | 8-759-079-67 s | IC TC74VHC125FS(EL)  |
| IC604               | 8-759-058-58 s | IC TC7S04FU (TE85R)  |
| IC605               | 8-759-357-24 s | IC MC68HC705C8AFU    |
| IC606               | 8-752-335-47 s | IC CXD1216M          |
| IC607               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC608               | 8-759-241-03 s | IC TC74HC191AF       |
| IC609               | 8-759-082-57 s | IC TC7W04FU          |
| IC610               | 8-759-271-86 s | IC TC7SH04FU         |
| IC611               | 8-759-271-86 s | IC TC7SH04FU         |
| IC612               | 8-759-079-66 s | IC TC74VHC123AFS(EL) |
| IC613               | 8-759-079-80 s | IC TC74VHC175FS(EL)  |
| IC614               | 8-759-519-49 s | IC CXD8165Q          |
| IC615               | 8-752-339-46 s | IC CXD1177Q          |
| IC616               | 8-759-082-57 s | IC TC7W04FU          |
| IC617               | 8-759-066-59 s | IC TC74HC4053AFS     |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| IC618               | 8-759-271-86 s | IC TC7SH04FU         |
| IC619               | 8-759-271-86 s | IC TC7SH04FU         |
| IC701               | 8-759-079-72 s | IC TC74VHC139FS(EL)  |
| IC702               | 8-759-079-46 s | IC TC74VHC00FS(EL)   |
| IC703               | 8-759-514-57 s | IC BA7046F           |
| IC704               | 8-759-987-27 s | IC LM1881M           |
| IC705               | 8-759-710-12 s | IC NJM2230M          |
| IC706               | 8-759-035-90 s | IC TC7S02F           |
| IC707               | 8-759-082-61 s | IC TC4W53FU          |
| IC708               | 8-759-082-61 s | IC TC4W53FU          |
| IC709               | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC710               | 8-759-082-61 s | IC TC4W53FU          |
| IC711               | 8-752-375-75 s | IC CXD2131Q-T4       |
| IC712               | 8-759-173-16 s | IC TL062CPW          |
| IC713               | 8-759-079-60 s | IC TC74VHC32FS(EL)   |
| IC901               | 8-759-387-83 s | IC MB40569PFV-ER     |
| IC902               | 8-759-277-19 s | IC UPD485505G-35     |
| IC903               | 8-759-277-19 s | IC UPD485505G-35     |
| IC904               | 8-759-277-19 s | IC UPD485505G-35     |
| IC905               | 8-759-513-76 s | IC CXD8161AQ         |
| IC906               | 8-759-058-64 s | IC TC7S32FU (TE85R)  |
| IC907               | 8-759-082-57 s | IC TC7W04FU          |
| IC908               | 8-752-363-60 s | IC CXD2307R-T6       |
| IC909               | 8-759-173-16 s | IC TL062CPW          |
| IC910               | 8-752-052-73 s | IC CXA1451M          |
| IC911               | 8-752-052-73 s | IC CXA1451M          |
| IC912               | 8-752-052-73 s | IC CXA1451M          |
| IC913               | 8-759-089-61 s | IC TC74HC4052AFS(EL) |
| IC915               | 8-759-066-61 s | IC TC4053BFS         |
| IC916               | 8-759-262-00 s | IC MC14576CF         |
| IC917               | 8-759-058-64 s | IC TC7S32FU (TE85R)  |
| IC918               | 8-759-287-54 s | IC TL084CPW-E20      |
| IC1001              | 8-759-058-58 s | IC TC7S04FU (TE85R)  |
| IC1002              | 8-759-184-64 s | IC TC4W66FU (TE12R)  |
| IC1003              | 8-752-339-04 s | IC CXD2208Q          |
| IC1004              | 8-759-076-06 s | IC TL064CPW          |
| IC1005              | 8-759-076-06 s | IC TL064CPW          |
| IC1006              | 8-759-173-16 s | IC TL062CPW          |
| IC1007              | 8-759-058-58 s | IC TC7S04FU (TE85R)  |
| IC1008              | 8-759-082-60 s | IC TC7S66FU          |
| IC1009              | 8-759-520-55 s | IC CXD8243AM         |
| IC1010              | 8-759-079-49 s | IC TC74VHC04FS(EL)   |
| IC1011              | 8-759-184-64 s | IC TC4W66FU (TE12R)  |
| IC1012              | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC1013              | 8-759-079-66 s | IC TC74VHC123AFS(EL) |
| IC1014              | 8-759-987-27 s | IC LM1881M           |
| IC1015              | 8-759-907-81 s | IC SN74LS221NS       |
| IC1016              | 8-759-324-03 s | IC HA17431UA-TL      |
| IC1017              | 8-759-186-54 s | IC TC74VHC164F(EL)   |
| IC1018              | 8-759-324-03 s | IC HA17431UA-TL      |
| IC1019              | 8-759-079-61 s | IC TC74VHC74FS(EL)   |
| IC1020              | 8-759-079-66 s | IC TC74VHC123AFS(EL) |
| IC1021              | 8-759-907-81 s | IC SN74LS221NS       |
| IC1022              | 8-759-058-64 s | IC TC7S32FU (TE85R)  |
| IC1023              | 8-759-079-61 s | IC TC74VHC74FS(EL)   |
| IC1024              | 8-759-066-59 s | IC TC74HC4053AFS     |
| IC1025              | 8-759-079-46 s | IC TC74VHC00FS(EL)   |
| IC1026              | 8-759-082-61 s | IC TC4W53FU          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| L101                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L102                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L103                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L104                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L105                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L106                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L107                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L108                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L109                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L110                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L111                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L112                | 1-414-404-11 s | INDUCTOR, CHIP 100uH |
| L113                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L114                | 1-414-404-11 s | INDUCTOR, CHIP 100uH |
| L115                | 1-410-385-11 s | INDUCTOR, CHIP 22uH  |
| L116                | 1-410-385-11 s | INDUCTOR, CHIP 22uH  |
| L117                | 1-410-393-11 s | INDUCTOR, CHIP 100uH |
| L301                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L302                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L303                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L304                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L305                | 1-410-391-11 s | INDUCTOR, CHIP 68uH  |
| L305                | 1-410-393-11 s | INDUCTOR, CHIP 100uH |
| L306                | 1-410-391-11 s | INDUCTOR, CHIP 68uH  |
| L306                | 1-410-393-11 s | INDUCTOR, CHIP 100uH |
| L307                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L308                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L309                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L310                | 1-410-387-11 s | INDUCTOR, CHIP 33uH  |
| L311                | 1-410-387-11 s | INDUCTOR, CHIP 33uH  |
| L312                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L313                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L314                | 1-410-389-31 s | INDUCTOR, CHIP 47uH  |
| L315                | 1-410-387-11 s | INDUCTOR, CHIP 33uH  |
| L501                | 1-410-390-11 s | INDUCTOR, CHIP 56uH  |
| L501                | 1-410-392-11 s | INDUCTOR, CHIP 82uH  |
| L502                | 1-410-393-11 s | INDUCTOR, CHIP 100uH |
| L503                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L504                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L505                | 1-410-391-11 s | INDUCTOR, CHIP 68uH  |
| L506                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L507                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L601                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L602                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L603                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L604                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L605                | 1-410-389-31 s | INDUCTOR, CHIP 47uH  |
| L605                | 1-410-386-11 s | INDUCTOR, CHIP 27uH  |
| L606                | 1-410-389-31 s | INDUCTOR, CHIP 47uH  |
| L606                | 1-410-386-11 s | INDUCTOR, CHIP 27uH  |
| L607                | 1-410-389-31 s | INDUCTOR, CHIP 47uH  |
| L607                | 1-410-386-11 s | INDUCTOR, CHIP 27uH  |
| L608                | 1-410-389-31 s | INDUCTOR, CHIP 47uH  |
| L608                | 1-410-386-11 s | INDUCTOR, CHIP 27uH  |
| L701                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L702                | 1-414-400-11 s | INDUCTOR, CHIP 22uH  |
| L703                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L704                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |
| L705                | 1-414-402-11 s | INDUCTOR, CHIP 47uH  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| L901                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L902                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L903                | 1-410-373-31 s | INDUCTOR, CHIP 2.2uH    |
| L903                | 1-410-372-21 s | INDUCTOR, CHIP 1.8uH    |
| L904                | 1-410-373-31 s | INDUCTOR, CHIP 2.2uH    |
| L905                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L906                | 1-410-373-31 s | INDUCTOR, CHIP 2.2uH    |
| L906                | 1-410-372-21 s | INDUCTOR, CHIP 1.8uH    |
| L907                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L908                | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L909                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L910                | 1-414-400-11 s | INDUCTOR, CHIP 22uH     |
| L1001               | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L1002               | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L1003               | 1-410-375-11 s | INDUCTOR, CHIP 3.3uH    |
| L1004               | 1-410-389-31 s | INDUCTOR, CHIP 47uH     |
| L1004               | 1-410-387-11 s | INDUCTOR, CHIP 33uH     |
| L1005               | 1-410-378-11 s | INDUCTOR, CHIP 5.6uH    |
| L1006               | 1-414-404-11 s | INDUCTOR, CHIP 100uH    |
| L1007               | 1-414-402-11 s | INDUCTOR, CHIP 47uH     |
| L1008               | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L1009               | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L1010               | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L1011               | 1-414-404-11 s | INDUCTOR, CHIP 100uH    |
| L1012               | 1-410-393-11 s | INDUCTOR, CHIP 100uH    |
| L1013               | 1-414-404-11 s | INDUCTOR, CHIP 100uH    |
| Q101                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q103                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q104                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q105                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q106                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q107                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q108                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q109                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q110                | 8-729-923-06 s | TRANSISTOR FMW-8        |
| Q111                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q112                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q113                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q114                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q115                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q116                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q117                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q118                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q119                | 8-729-931-46 s | TRANSISTOR FMW7         |
| Q120                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q121                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q122                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q123                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q124                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q125                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q127                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q128                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q129                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q130                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q131                | 8-729-903-82 s | TRANSISTOR FMW2         |
| Q301                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q302                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q303                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q304                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q305                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q306                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q307                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q308                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q309                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q310                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q312                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q316                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q317                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q318                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q319                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q320                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q322                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q323                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q324                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q325                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q326                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q327                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q328                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q329                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q330                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q331                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q332                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q333                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q334                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q335                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q336                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q337                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q338                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q339                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q340                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q341                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q342                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q343                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q344                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q345                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q346                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q347                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q348                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q349                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q350                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q502                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q503                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q504                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q505                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q506                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q507                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q601                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| Q602                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q603                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q604                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34    |
| Q605                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q606                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q607                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q608                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q703                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q704                | 8-729-027-38 s | TRANSISTOR DTA144EKA-T146 |
| Q705                | 8-729-027-59 s | TRANSISTOR DTC144EKA-T146 |
| Q706                | 8-729-904-41 s | TRANSISTOR FMY3           |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q709                | 8-729-904-04 s | TRANSISTOR FMS2           |
| Q710                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q711                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q712                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q713                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q714                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q715                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q716                | 8-729-903-10 s | TRANSISTOR FMW1           |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q718                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q719                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q720                | 8-729-907-26 s | TRANSISTOR IMX1           |
| Q721                | 8-729-903-82 s | TRANSISTOR FMW2           |
| Q722                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q723                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q724                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q725                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q726                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q727                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q728                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q729                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q730                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q731                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q732                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q733                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q734                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q735                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q736                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q737                | 8-729-904-04 s | TRANSISTOR FMS2           |
| Q901                | 8-729-027-59 s | TRANSISTOR DTC144EKA-T146 |
| Q902                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q903                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q904                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q905                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q906                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q907                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q908                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q909                | 8-729-117-32 s | TRANSISTOR 2SC4177        |
| Q911                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q912                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q914                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |
| Q915                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q916                | 8-729-422-44 s | TRANSISTOR 2SK663         |
| Q917                | 8-729-117-32 s | TRANSISTOR 2SC4177        |

[For NTSC]



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q918                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q919                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q920                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q921                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q922                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q923                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q924                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q925                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q926                | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q927                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1001               | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146   |
| Q1002               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1003               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1004               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1005               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1006               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1007               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1008               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1009               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1010               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1011               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1012               | 8-729-027-59 | s TRANSISTOR DTC144EKA-T146   |
| Q1013               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1014               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1015               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1016               | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q1017               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1018               | 8-729-140-47 | s TRANSISTOR 2SC3735-B34      |
| Q1019               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1020               | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33     |
| Q1021               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q1022               | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33     |
| Q1023               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| R101                | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R102                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R103                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R104                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R105                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R107                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R110                | 1-216-295-91 | s RES, CHIP 0                 |
| R112                | 1-216-295-91 | s RES, CHIP 0                 |
| R113                | 1-216-668-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R114                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R115                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R118                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R119                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R120                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R124                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R125                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R126                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R127                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R128                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R129                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R130                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R131                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R132                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R133                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R134                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R135                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R136                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R137                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R139                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R140                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R141                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R142                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R143                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R144                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W          |
| R145                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R146                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R147                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R148                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W          |
| R149                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R150                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R151                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R152                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R153                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R154                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R155                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R156                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W          |
| R157                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R158                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R159                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R160                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R161                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R162                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R163                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R164                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| R165                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| R166                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| R167                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R168                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R169                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R170                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R171                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R172                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W          |
| R173                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R174                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R175                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R176                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R177                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R179                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R180                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R181                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R182                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R183                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R184                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R185                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R186                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R187                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R188                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R189                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R190                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R191                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R192                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R193                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R194                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R195                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R196                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R197                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R198                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R199                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R200                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R201                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R203                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R204                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R205                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W           |
| R206                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R207                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R208                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W            |
| R209                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R210                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R211                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R212                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R213                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R214                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W            |
| R215                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R216                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R217                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W            |
| R218                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R219                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W [For NTSC] |
| R220                | 1-216-295-91 s | RES, CHIP 0                         |
| R221                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R222                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R223                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W             |
| R224                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R225                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R226                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R227                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R228                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R229                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
| R230                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R231                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R232                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R233                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R234                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R235                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W             |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R237                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R238                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R239                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R243                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R244                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R245                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                       |
|---------------------|----------------|--------------------------------------|
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R247                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R248                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R249                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R250                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W           |
| R251                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R252                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W           |
| R253                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W           |
| R254                | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W           |
| R255                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W           |
| R256                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W            |
| R257                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R258                | 1-216-295-91 s | RES, CHIP 0                          |
| R259                | 1-216-668-11 s | METAL, CHIP 5.1k 0.5% 1/10W          |
| [For NTSC]          |                |                                      |
| R259                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W [For PAL] |
| R260                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R261                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R262                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W           |
| [For NTSC]          |                |                                      |
| R262                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W [For PAL] |
| R263                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R264                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R265                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R266                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R267                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R268                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R269                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R270                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W           |
| R271                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R272                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W          |
| R273                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W [For PAL]  |
| R274                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W          |
| R275                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R276                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R277                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R279                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R280                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W          |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R282                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W [For NTSC] |
| R282                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W [For PAL]  |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R302                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R303                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R305                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R306                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W             |
| R307                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R308                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R311                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W          |
| R312                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W           |
| R313                | 1-216-295-91 s | RES, CHIP 0                          |
| R314                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W          |
| R315                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R317                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R318                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R319                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R322                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R323                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R324                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R325                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R326                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R327                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R328                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R329                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R330                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R331                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R332                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R333                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R336                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R338                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R339                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R340                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R341                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W   |
| R344                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R345                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R346                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R347                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R348                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R351                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R357                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R359                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R361                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R362                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R363                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R364                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R365                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R366                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R368                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R369                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R370                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R371                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R372                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R374                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R375                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R376                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R377                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R378                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R379                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R381                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R382                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R383                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R384                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R385                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R389                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R390                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R391                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R392                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R393                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R394                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R395                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R396                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R397                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R398                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W           |
| R399                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R400                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R401                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R402                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R403                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R404                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R405                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W           |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R409                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R410                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R411                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W           |
| R413                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R414                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R415                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R416                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R417                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R418                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R419                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R420                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R421                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R422                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R423                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R424                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R425                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R426                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R427                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W           |
| R428                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R429                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R430                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R431                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R432                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R433                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R434                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W[For NTSC] |
| R434                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| R435                | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W         |

[For PAL]

[For NTSC]

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                      |
|---------------------|----------------|-------------------------------------|
| R435                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R436                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W             |
| R437                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W            |
| R438                | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W         |
| R439                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W         |
| R440                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W           |
| R441                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R442                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R443                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R444                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W          |
| R445                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W            |
| R446                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R447                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W[For NTSC] |
| R447                | 1-216-656-11 s | METAL, CHIP 1.6k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R448                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W            |
| R449                | 1-216-660-11 s | METAL, CHIP 2.4k 0.5% 1/10W         |
|                     |                | [For NTSC]                          |
| R449                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R450                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R451                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W           |
| R452                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R453                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W            |
| R454                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W            |
| R455                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R456                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R457                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R458                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W          |
| R459                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W           |
| R501                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W            |
| R502                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W          |
| R503                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
|                     |                | [For NTSC]                          |
| R503                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R504                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W          |
| R505                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W          |
| R506                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W         |
|                     |                | [For NTSC]                          |
| R507                | 1-216-295-91 s | RES, CHIP 0 [For NTSC]              |
| R507                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W         |
|                     |                | [For PAL]                           |
| R508                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W            |
| R509                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W         |
| R510                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W          |
| R511                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W         |
|                     |                | [For NTSC]                          |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R511                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
|                     |                | [For PAL]                   |
| R512                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
|                     |                | [For NTSC]                  |
| R513                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R517                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R518                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R519                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R520                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R521                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R522                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R524                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R525                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R526                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R527                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R528                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R529                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R530                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R531                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R532                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R533                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R534                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R535                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R536                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R537                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W  |
| R538                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R539                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R540                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R541                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R546                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R547                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R548                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R549                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R550                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R551                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R552                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R553                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R554                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R555                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R556                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R557                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R558                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R559                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R560                | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R561                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R562                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R563                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R564                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R565                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R566                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R567                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W          |
| R568                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R569                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R570                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R571                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R572                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R573                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W           |
| R574                | 1-216-681-11 | s METAL, CHIP 18k 0.5% 1/10W          |
| R575                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R576                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R577                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W          |
| R579                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W         |
| R580                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R581                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R582                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W           |
| R583                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R584                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R585                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R586                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R587                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R588                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W            |
| R589                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R590                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W         |
| R591                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R592                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W            |
| R593                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R594                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R595                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R596                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R597                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R601                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R602                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R603                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R604                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W[For NTSC] |
| R605                | 1-216-295-91 | s RES, CHIP 0 [For PAL]               |
| R606                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R607                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R608                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R609                | 1-216-295-91 | s RES, CHIP 0                         |
| R610                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R612                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R613                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W[For NTSC] |
| R614                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R615                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W [For PAL] |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R617                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R618                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R619                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W           |
| R620                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W           |
| R621                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W           |
| R622                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W           |
| R623                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W          |
| R624                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R625                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W          |
| R626                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R627                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W           |
| R628                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W          |
| R629                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W           |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R630                | 1-216-686-11 | s METAL, CHIP 30k 0.5% 1/10W          |
| R631                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R632                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W            |
| R633                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R634                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R635                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R637                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W[For NTSC] |
| R637                | 1-218-772-11 | s METAL, CHIP 680k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R638                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W          |
|                     |              | [For NTSC]                            |
| R638                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R639                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R640                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
|                     |              | [For NTSC]                            |
| R640                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
|                     |              | [For PAL]                             |
| R641                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W          |
|                     |              | [For NTSC]                            |
| R641                | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W[For PAL] |
| R642                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W         |
| R643                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W          |
| R644                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W          |
|                     |              | [For NTSC]                            |
| R644                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R645                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W          |
|                     |              | [For NTSC]                            |
| R645                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W[For PAL] |
| R646                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R648                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R649                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R650                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R651                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R652                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R653                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R654                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R655                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R656                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R657                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R658                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R660                | 1-216-295-91 | s RES, CHIP 0                         |
| R661                | 1-216-295-91 | s RES, CHIP 0                         |
| R662                | 1-216-295-91 | s RES, CHIP 0                         |
| R701                | 1-216-634-11 | s METAL, CHIP 200 0.5% 1/10W          |
| R702                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R703                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W          |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                       |
|---------------------|----------------|--------------------------------------|
| R704                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R705                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R706                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W             |
| R707                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W            |
| R708                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W             |
| R709                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W              |
| R711                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R712                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R713                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W             |
| R714                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W             |
| R715                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R716                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R717                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W            |
| R718                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R719                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R720                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W            |
| R721                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W            |
| R722                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W             |
| R723                | 1-216-047-91 s | METAL, CHIP 820 5% 1/10W             |
| R724                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W           |
| R725                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W          |
| R726                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W           |
| R727                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R728                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R729                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R730                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W           |
| R731                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W           |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R733                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W          |
| R734                | 1-216-669-11 s | METAL, CHIP 5.6k 0.5% 1/10W          |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R736                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R737                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W [For NTSC] |
| R738                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R739                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W             |
| R740                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R741                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R742                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R743                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For NTSC]  |
| R744                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For NTSC]  |
| R745                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W         |
| R746                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W         |
| R747                | 1-208-630-11 s | METAL, CHIP 11.49 0.1% 1/16W         |
| R748                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W            |
| R749                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W            |
| R750                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W            |
| R751                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W            |
| R752                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R753                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W [For NTSC] |
| R754                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R755                | 1-208-623-11 s | METAL, CHIP 1.43k 0.1% 1/16W         |
| R756                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W         |
| R757                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W         |
| R758                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W          |
| R759                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W         |
| R760                | 1-208-630-11 s | METAL, CHIP 11.49k 0.1% 1/16W        |
| R761                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W            |
| R762                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R763                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W            |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                       |
|---------------------|----------------|--------------------------------------|
| R764                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W            |
| R765                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R766                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W             |
| R767                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R768                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W             |
| R769                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W [For NTSC] |
| R769                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W [For PAL] |
| R770                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R771                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R772                | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W [For NTSC] |
| R772                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W [For PAL] |
| R773                | 1-216-643-11 s | METAL, CHIP 470 0.5% 1/10W           |
| R774                | 1-216-618-11 s | METAL, CHIP 43 0.50% 1/10W           |
| R775                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W            |
| R776                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W              |
| R777                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W              |
| R778                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W             |
| R779                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R780                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R781                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R782                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R783                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R784                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R785                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R786                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W             |
| R787                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W             |
| R788                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R789                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W           |
| R790                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R794                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R795                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R796                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R797                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W           |
| R798                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W             |
| R799                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W           |
| R800                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R801                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |
| R802                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R803                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W             |
| R804                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R805                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R806                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R807                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R808                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W             |
| R809                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For PAL]   |
| R810                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W [For PAL]   |
| R811                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W            |
| R812                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W [For PAL]   |
| R813                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R814                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W [For PAL]   |
| R815                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W [For PAL]   |
| R816                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W [For PAL]   |
| R817                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W              |
| R818                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W            |
| R819                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W              |
| R820                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W [For PAL]   |
| R821                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W             |
| R822                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W [For NTSC]   |
| R901                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W              |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R902                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R903                | 1-216-295-91 | s RES, CHIP 0                         |
| R905                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R906                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R907                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W            |
| R908                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R909                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R910                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R911                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R912                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W            |
| R913                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W          |
| R914                | 1-216-669-11 | s METAL, CHIP 5.6k 0.5% 1/10W         |
| R915                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W         |
| R916                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W          |
| R917                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R918                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R919                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R920                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R921                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R922                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W          |
| R923                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W         |
| [For NTSC]          |              |                                       |
| R923                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| [For PAL]           |              |                                       |
| R924                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R925                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R926                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R927                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R928                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R929                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R930                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R931                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R932                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R933                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R934                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R935                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R936                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R937                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R938                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R939                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W          |
| R940                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W            |
| R941                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R944                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R945                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R947                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R948                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R950                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R951                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R952                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R953                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R953                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W[For PAL] |
| R954                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                        |
|---------------------|--------------|---------------------------------------|
| R955                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W            |
| R956                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| R957                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R958                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R959                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W          |
| [For NTSC]          |              |                                       |
| R959                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W[For PAL] |
| R960                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R961                | 1-216-656-11 | s METAL, CHIP 1.6k 0.5% 1/10W         |
| R962                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W           |
| R963                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R964                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R965                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W          |
| R966                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W         |
| R967                | 1-216-295-91 | s RES, CHIP 0                         |
| R968                | 1-216-295-91 | s RES, CHIP 0                         |
| [For PAL]           |              |                                       |
| R969                | 1-216-295-91 | s RES, CHIP 0                         |
| R970                | 1-216-295-91 | s RES, CHIP 0                         |
| R971                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R972                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W             |
| R973                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R977                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W         |
| R978                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W          |
| R979                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R980                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R981                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R982                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W             |
| R984                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R985                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W         |
| R987                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W            |
| R988                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R989                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W           |
| R990                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W            |
| R991                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W         |
| R992                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R993                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R995                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R996                | 1-216-295-91 | s RES, CHIP 0                         |
| R998                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W           |
| R999                | 1-216-295-91 | s RES, CHIP 0                         |
| R1001               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1002               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1003               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1004               | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W         |
| R1005               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1006               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1007               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1008               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1009               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W            |
| R1010               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1011               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1012               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1013               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1014               | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W           |
| R1015               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W             |
| R1016               | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W          |
| R1017               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |
| R1018               | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                            |
|---------------------|----------------|---|
| R1019               | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W                  |
| R1020               | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W                   |
| R1021               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1022               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W                 |
| R1023               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1024               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W                 |
| R1025               | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W<br>[For PAL]  |
| R1026               | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W<br>[For NTSC] |
| R1026               | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W<br>[For PAL]  |
| R1027               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                 |
| R1028               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1029               | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W               |
| R1030               | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W                  |
| R1031               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                  |
| R1032               | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W               |
| R1033               | 1-218-760-11 s | METAL, CHIP 220k 0.5% 1/10W               |
| R1034               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1035               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1036               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                  |
| R1037               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                  |
| R1038               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W                 |
| R1039               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1040               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1041               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1042               | 1-216-670-11 s | METAL, CHIP 6.2k 0.5% 1/10W               |
| R1043               | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W                |
| R1044               | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W               |
| R1045               | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W                  |
| R1046               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W                 |
| R1047               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                 |
| R1048               | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W                 |
| R1049               | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W               |
| R1050               | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W                |
| R1051               | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W                  |
| R1052               | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W               |
| R1053               | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W               |
| R1054               | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W                |
| R1055               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1056               | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W                  |
| R1057               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1058               | 1-216-133-00 s | METAL, CHIP 3.3M 5% 1/10W                 |
| R1059               | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R1060               | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W                |
| R1061               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1062               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1064               | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R1065               | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W               |
| R1066               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1067               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1068               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1069               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1070               | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W                |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                            |
|---------------------|----------------|---|
| R1071               | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W                |
| R1072               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                     |
| R1073               | 1-216-295-91 s | RES, CHIP 0                               |
| R1075               | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                 |
| R1076               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| R1077               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                     |
| R1078               | 1-216-295-91 s | RES, CHIP 0 [For PAL]                     |
| R1079               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W                 |
| R1080               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1081               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1083               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1084               | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W                 |
| R1085               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1086               | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W                 |
| R1087               | 1-216-696-11 s | METAL, CHIP 75k 0.5% 1/10W                |
| R1088               | 1-216-074-00 s | METAL, CHIP 11k 10% 1/10W                 |
| R1089               | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R1090               | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W                 |
| R1091               | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For NTSC] |
| R1091               | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W<br>[For PAL]  |
| R1092               | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W<br>[For NTSC] |
| R1092               | 1-216-653-11 s | METAL, CHIP 1.2k 0.5% 1/10W<br>[For PAL]  |
| R1093               | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W                 |
| R1094               | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W               |
| R1095               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W                   |
| R1097               | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W                  |
| R1098               | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R1099               | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W                |
| R1100               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W                  |
| R1101               | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W                 |
| R1102               | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W                |
| R1103               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1104               | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W                 |
| R1105               | 1-216-103-00 s | METAL, CHIP 180k 5% 1/10W                 |
| R1106               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W                  |
| R1108               | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W               |
| R1109               | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W                |
| RB101               | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1k x 4               |
| RB102               | 1-239-998-11 s | RESISTOR BLOCK, CHIP 100 x 4              |
| RB103               | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100k x 4             |
| RB201               | 1-233-235-11 s | RESISTOR BLOCK, CHIP 10k x 4              |
| RB202               | 1-233-235-11 s | RESISTOR BLOCK, CHIP 10k x 4              |
| RB701               | 1-233-234-11 s | RESISTOR BLOCK, CHIP 2.2k x 4             |
| RB1000              | 1-233-237-11 s | RESISTOR BLOCK, CHIP 100k x 4             |
| RB1001              | 1-239-999-11 s | RESISTOR BLOCK, CHIP 1k x 4               |
| RV101               | 1-237-034-11 s | RES, ADJ METAL 2k                         |
| RV102               | 1-237-034-11 s | RES, ADJ METAL 2k                         |
| RV103               | 1-237-034-11 s | RES, ADJ METAL 2k                         |
| RV104               | 1-237-034-11 s | RES, ADJ METAL 2k [For NTSC]              |
| RV105               | 1-237-035-11 s | RES, ADJ METAL 5k                         |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| RV106               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV107               | 1-237-036-11 | s RES, ADJ METAL 10k |
| RV108               | 1-237-038-11 | s RES, ADJ METAL 50k |
| RV109               | 1-237-038-11 | s RES, ADJ METAL 50k |
| RV110               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV111               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV112               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV301               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV302               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV303               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV304               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV305               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV306               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV307               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV308               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV309               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV310               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV311               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV312               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV313               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV314               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV315               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV316               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV317               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV318               | 1-237-030-11 | s RES, ADJ METAL 100 |
| RV319               | 1-237-030-11 | s RES, ADJ METAL 100 |
| RV501               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV502               | 1-237-036-11 | s RES, ADJ METAL 10k |
| RV503               | 1-237-037-11 | s RES, ADJ METAL 20k |
| RV504               | 1-237-036-11 | s RES, ADJ METAL 10k |
| RV505               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV506               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV601               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV701               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV702               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV703               | 1-237-032-11 | s RES, ADJ METAL 500 |
| RV704               | 1-237-031-11 | s RES, ADJ METAL 200 |
| RV901               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV902               | 1-237-035-11 | s RES, ADJ METAL 5k  |
| RV903               | 1-237-036-11 | s RES, ADJ METAL 10k |
| RV904               | 1-237-031-11 | s RES, ADJ METAL 200 |
| RV905               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV906               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV907               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV908               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV909               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV910               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV911               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV912               | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV913               | 1-237-031-11 | s RES, ADJ METAL 200 |
| RV914               | 1-237-031-11 | s RES, ADJ METAL 200 |
| RV915               | 1-237-033-11 | s RES, ADJ METAL 1k  |
| RV1001              | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV1002              | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV1003              | 1-237-034-11 | s RES, ADJ METAL 2k  |
| RV1004              | 1-237-034-11 | s RES, ADJ METAL 2k  |
| S901                | 1-571-275-31 | s SWITCH, SLIDE      |

(IO-149/149A BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |            |
|---------------------|--------------|-------------------------|------------|
| TH101               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k |            |
| TH901               | 1-809-352-11 | s THERMISTOR, CHIP 1.5k | [For NTSC] |
| X101                | 1-767-260-11 | s CRYSTAL 13.50MHz      |            |
| X102                | 1-767-260-11 | s CRYSTAL 13.50MHz      |            |
| X103                | 1-767-260-11 | s CRYSTAL 13.50MHz      |            |
| X601                | 1-767-262-11 | s CRYSTAL 27.00MHz      |            |
| X602                | 1-527-722-00 | s CRYSTAL 14.31818MHz   | [For NTSC] |
| X602                | 1-760-457-11 | s CRYSTAL 17.7345MHz    | [For PAL]  |
| X1001               | 1-760-109-21 | s CRYSTAL 10.738635MHz  | [For NTSC] |
| X1001               | 1-760-183-21 | s CRYSTAL 10.664135MHz  | [For PAL]  |
| X1002               | 1-527-722-00 | s CRYSTAL 14.31818MHz   | [For NTSC] |
| X1002               | 1-760-457-11 | s CRYSTAL 17.7345MHz    | [For PAL]  |

## KY-336 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| 1pc                 | A-8277-878-A | o MOUNTED CIRCUIT BOARD, KY-336  |
| 2pcs                | 7-682-648-09 | s SCREW +PS 3x8                  |
| C1                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C2                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C3                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C4                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C5                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C6                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C7                  | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C8                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C9                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C10                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C11                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C16                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C17                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C18                 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C19                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C20                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C21                 | 1-126-934-11 | s ELECT 220uF 20% 16V            |
| C22                 | 1-163-012-00 | s CERAMIC, CHIP 0.0018uF 10% 50V |
| C23                 | 1-111-136-11 | s ELECT 47uF 20% 63V             |
| C24                 | 1-126-968-11 | s ELECT 100uF 20% 50V            |
| C25                 | 1-126-968-11 | s ELECT 100uF 20% 50V            |
| C26                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C27                 | 1-126-965-11 | s ELECT 22uF 20% 50V             |
| C28                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C29                 | 1-104-664-11 | s ELECT 47uF 20% 25V             |
| C30                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C31                 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C32                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C33                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C34                 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C39                 | 1-126-935-11 | s ELECT 470uF 20% 16V            |
| C51                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C52                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C53                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C54                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C55                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C56                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C57                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C58                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C59                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C60                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C61                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C62                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C63                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C64                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C65                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C66                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C67                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C68                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C69                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C70                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C71                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C72                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C73                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C74                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C75                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |

## (KY-336 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| C76                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C77                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C78                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C79                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C80                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C81                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C82                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C83                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C84                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C85                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C86                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C87                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C88                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C89                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C90                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C91                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C92                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C93                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C94                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C95                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C96                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C97                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C98                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C99                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C100                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C101                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| CN712               | 1-565-189-11 | s CONNECTOR, FPC 36P         |
| CN713               | 1-506-468-11 | s CONNECTOR, 3P, MALE        |
| CN714               | 1-573-397-11 | s CONNECTOR, FPC 11P         |
| D1                  | 8-719-941-23 | s DIODE DA204U               |
| D2                  | 8-719-941-23 | s DIODE DA204U               |
| D3                  | 8-719-941-23 | s DIODE DA204U               |
| D5                  | 8-719-941-23 | s DIODE DA204U               |
| D6                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D7                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D8                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D9                  | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D10                 | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D11                 | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D12                 | 8-719-110-02 | s DIODE RD7.5ESB1            |
| D13                 | 8-719-108-24 | s DIODE 1SS223               |
| D14                 | 8-719-108-24 | s DIODE 1SS223               |
| D15                 | 8-719-158-61 | s DIODE RD16SB2              |
| D16                 | 8-719-901-83 | s DIODE 1SS83                |
| D17                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D18                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D19                 | 8-719-160-00 | s DIODE RD2.0FB1             |
| D20                 | 8-719-024-81 | s DIODE 1SS300-TE85L         |
| D21                 | 8-719-105-99 | s DIODE RD6.2M-B1            |
| D22                 | 8-719-105-99 | s DIODE RD6.2M-B1            |
| D23                 | 8-719-105-99 | s DIODE RD6.2M-B1            |
| D24                 | 8-719-105-99 | s DIODE RD6.2M-B1            |
| D25                 | 8-719-941-23 | s DIODE DA204U               |
| D26                 | 8-719-941-23 | s DIODE DA204U               |
| D27                 | 8-719-941-23 | s DIODE DA204U               |
| D28                 | 8-719-941-23 | s DIODE DA204U               |
| D29                 | 8-719-941-23 | s DIODE DA204U               |
| D30                 | 8-719-941-23 | s DIODE DA204U               |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| D31                 | 8-719-941-23   | s DIODE DA204U              |
| E1                  | 1-535-881-21   | o TERMINAL, TP              |
| IC1                 | 8-759-477-03   | s IC UPD78013FYCW-W07       |
| IC2                 | 8-759-350-99   | s IC M66004M6FP200D         |
| IC3                 | 8-759-186-44   | s IC TC74VHC125F            |
| IC4                 | 8-759-940-45   | s IC S-8054HN-CB            |
| IC5                 | 8-759-431-42   | s IC TD62504F-TEL           |
| L1                  | 1-410-385-11   | s INDUCTOR, CHIP 22uH       |
| L2                  | 1-410-381-11   | s INDUCTOR CHIP 10uH        |
| L4                  | 1-412-533-21   | s INDUCTOR 47uH             |
| L5                  | 1-412-031-11   | s INDUCTOR CHIP 47uH        |
| ND1                 | 1-517-599-11   | s UNIT, FLD                 |
| ND2                 | 1-517-598-11   | s UNIT, FLD                 |
| PS1                 | △ 1-532-637-00 | s LINK, IC 1.0A             |
| PS2                 | △ 1-532-605-00 | s LINK, IC 0.4A             |
| Q1                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |
| Q2                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106 |
| Q3                  | 8-729-140-63   | s TRANSISTOR 2SA1611-M5M6   |
| Q4                  | 8-729-427-70   | s TRANSISTOR XP4401-TXE     |
| Q5                  | 8-729-230-49   | s TRANSISTOR 2SC2712-YG     |
| Q6                  | 8-729-822-55   | s TRANSISTOR 2SD1669R       |
| Q7                  | 8-729-106-68   | s TRANSISTOR 2SC1615A-GP    |
| Q8                  | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q9                  | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q10                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q11                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q12                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q13                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q14                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q15                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q16                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q17                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q18                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q19                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q20                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q21                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q22                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q23                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q24                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q25                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q26                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q27                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q28                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q29                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q30                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q31                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q32                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q33                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q34                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q35                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q36                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q37                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q38                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q39                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |
| Q40                 | 8-729-216-22   | s TRANSISTOR 2SA1162        |
| Q41                 | 8-729-019-87   | s TRANSISTOR 2SC3392-6-TB   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| Q42                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q43                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q44                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q45                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q46                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q47                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q48                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q49                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q50                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q51                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q52                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q53                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q54                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q55                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q56                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q57                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q58                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q59                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q60                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q61                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q62                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q63                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q64                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q65                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q66                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q67                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q68                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q69                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q70                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q71                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q72                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q73                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q74                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q75                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q76                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q77                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q78                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q79                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q80                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q81                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q82                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q83                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q84                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q85                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q86                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q87                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q88                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q89                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q90                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q91                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q92                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q93                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q94                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q95                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q96                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q97                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q98                 | 8-729-216-22 | s TRANSISTOR 2SA1162      |
| Q99                 | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB |
| Q100                | 8-729-216-22 | s TRANSISTOR 2SA1162      |

(KY-336 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q101                | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB   |
| Q102                | 8-729-216-22 | s TRANSISTOR 2SA1162        |
| Q103                | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB   |
| Q104                | 8-729-216-22 | s TRANSISTOR 2SA1162        |
| Q105                | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB   |
| Q106                | 8-729-216-22 | s TRANSISTOR 2SA1162        |
| Q107                | 8-729-019-87 | s TRANSISTOR 2SC3392-6-TB   |
| Q108                | 8-729-216-22 | s TRANSISTOR 2SA1162        |
| Q109                | 8-729-230-49 | s TRANSISTOR 2SC2712-YG     |
| R1                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R2                  | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R3                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R4                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R5                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R6                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R7                  | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R10                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R11                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R12                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R13                 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R14                 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R15                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R16                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R17                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R18                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R19                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R20                 | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R21                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W |
| R22                 | 1-216-304-11 | s METAL, CHIP 3.3 5% 1/10W  |
| R23                 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R24                 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |
| R25                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R26                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R27                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R28                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R29                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R30                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R31                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R32                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R33                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R34                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R35                 | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W  |
| R36                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R37                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R38                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R39                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R40                 | 1-220-221-11 | s METAL, CHIP 100 5% 1/2W   |
| R41                 | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W |
| R42                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R43                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R44                 | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |
| R45                 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R46                 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R47                 | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W |
| R48                 | 1-216-083-00 | s METAL, CHIP 27k 5% 1/10W  |
| R49                 | 1-216-083-00 | s METAL, CHIP 27k 5% 1/10W  |
| R50                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R51                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R52                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |

(KY-336 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| R53                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R54                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R55                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R56                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R60                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R61                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R62                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R63                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R64                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R65                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R66                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R67                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R68                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R69                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R70                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R71                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R72                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R73                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R74                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R75                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R76                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R77                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R78                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R79                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R80                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R81                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R82                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R83                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R84                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R85                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R86                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R87                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R88                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R89                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R90                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R91                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R92                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R93                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R94                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R95                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R96                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R97                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R98                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R99                 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R100                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R101                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R102                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R103                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R104                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R105                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R106                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R107                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R108                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R109                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W |
| R111                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R112                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R113                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R114                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |



## (KY-336 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R115                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R116                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R117                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R118                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R119                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R120                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R121                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R122                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R123                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R124                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R125                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| RV1                 | 1-225-359-11 | s RES, VAR CARBON 5k/20k      |
| RV2                 | 1-225-359-11 | s RES, VAR CARBON 5k/20k      |
| RV3                 | 1-225-359-11 | s RES, VAR CARBON 5k/20k      |
| RV4                 | 1-225-359-11 | s RES, VAR CARBON 5k/20k      |
| S1                  | 1-692-892-11 | s SWITCH, PUSH                |
| S2                  | 1-692-890-31 | s SWITCH, PUSH                |
| S3                  | 1-692-890-21 | s SWITCH, PUSH                |
| S4                  | 1-692-890-41 | s SWITCH, PUSH                |
| S5                  | 1-692-892-21 | s SWITCH, PUSH                |
| S6                  | 1-692-891-21 | s SWITCH, PUSH                |
| S7                  | 1-571-977-11 | s SWITCH, PUSH                |
| S8                  | 1-571-977-11 | s SWITCH, PUSH                |
| S9                  | 1-571-977-11 | s SWITCH, PUSH                |
| S10                 | 1-571-977-11 | s SWITCH, PUSH                |
| S11                 | 1-571-977-11 | s SWITCH, PUSH                |
| S12                 | 1-762-832-11 | s SWITCH, SLIDE               |
| S13                 | 1-571-977-11 | s SWITCH, PUSH                |
| T1                  | 1-429-856-11 | s TRANSFORMER, POWER          |
| TP1                 | 1-535-881-21 | o TERMINAL, TP                |
| X1                  | 1-579-175-11 | s RESONATOR, CERAMIC 10.00MHz |

## MB-712 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

|       |   |
|-------|---|
| *1)   | Serial number; 10431 and higher (For DSR-80 J)      |
|       | Serial number; 10471 and higher (For DSR-80 UC)     |
|       | Serial number; 10321 and higher (For DSR-80P CE)    |
| *2)   | Serial number; 10001 through 10980 (For DSR-80 J)   |
|       | Serial number; 10001 through 12050 (For DSR-80 UC)  |
|       | Serial number; 10001 through 11810 (For DSR-80P CE) |
| *3)   | Serial number; 10981 and higher (For DSR-80 J)      |
|       | Serial number; 12051 and higher (For DSR-80 UC)     |
|       | Serial number; 11811 and higher (For DSR-80P CE)    |
|       | Serial number; 10001 and higher (For DSR-80P UC)    |
| 1pc   | A-8312-899-A o MOUNTED CIRCUIT BOARD, MB-712        |
| C1    | 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V            |
| C2    | 1-124-589-11 s ELECT 47uF 20% 16V                   |
| C3    | 1-124-589-11 s ELECT 47uF 20% 16V                   |
| C4    | 1-126-967-11 s ELECT 47uF 20% 50V *2)               |
|       | 1-124-589-11 s ELECT 47uF 20% 16V *3)               |
| C5    | 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V            |
| C6    | 1-126-967-11 s ELECT 47uF 20% 50V *2)               |
|       | 1-124-589-11 s ELECT 47uF 20% 16V *3)               |
| C8    | 1-126-967-11 s ELECT 47uF 20% 50V *2)               |
|       | 1-124-589-11 s ELECT 47uF 20% 16V *3)               |
| C101  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C102  | 1-126-933-11 s ELECT 100uF 20% 16V                  |
| C103  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C104  | 1-126-934-11 s ELECT 220uF 20% 16V                  |
| C105  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C106  | 1-104-665-11 s ELECT 100uF 20% 25V                  |
| C107  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C108  | 1-104-665-11 s ELECT 100uF 20% 25V                  |
| C109  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C110  | 1-126-934-11 s ELECT 220uF 20% 16V                  |
| C111  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C112  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C113  | 1-126-934-11 s ELECT 220uF 20% 16V                  |
| C114  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C115  | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V          |
| C116  | 1-126-933-11 s ELECT 100uF 20% 16V                  |
| C117  | 1-126-967-11 s ELECT 47uF 20% 50V *2)               |
|       | 1-124-589-11 s ELECT 47uF 20% 16V *3)               |
| C118  | 1-126-967-11 s ELECT 47uF 20% 50V *2)               |
|       | 1-124-589-11 s ELECT 47uF 20% 16V *3)               |
| C119  | 1-126-935-11 s ELECT 470uF 20% 16V                  |
| CN116 | 1-778-259-11 o CONNECTOR, BB 148P, FEMALE           |
| CN503 | 1-565-189-11 s CONNECTOR, FPC 36P                   |
| CN505 | 1-562-708-11 o CONNECTOR, FPC 13P, FEMALE           |
| CN506 | 1-565-189-11 s CONNECTOR, FPC 36P                   |
| CN601 | 1-766-792-11 o CONNECTOR, BB 12P, FEMALE            |
| CN602 | 1-766-792-11 o CONNECTOR, BB 12P, FEMALE            |
| CN603 | 1-766-792-11 o CONNECTOR, BB 12P, FEMALE            |
| CN604 | 1-766-792-11 o CONNECTOR, BB 12P, FEMALE            |

## (MB-712 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |     |
|---------------------|--------------|--------------------------------|-----|
| CN605               | 1-766-792-11 | o CONNECTOR, BB 12P, FEMALE    |     |
| CN606               | 1-766-792-11 | o CONNECTOR, BB 12P, FEMALE    |     |
| CN607               | 1-764-259-11 | s CONNECTOR, D-SUB 15P, FEMALE |     |
| CN608               | 1-573-566-11 | s CONNECTOR, D-SUB 9P, FEMALE  |     |
| CN609               | 1-564-002-11 | s CONNECTOR 3P, MALE           |     |
| CN701               | 1-506-477-11 | s CONNECTOR 12P, MALE          |     |
| CN702               | 1-565-189-11 | s CONNECTOR, FPC 36P           |     |
| CN703               | 1-766-791-11 | o CONNECTOR, BB 10P, FEMALE    |     |
| CN801               | 1-563-853-11 | o CONNECTOR, FPC 22P           |     |
| CN802               | 1-563-853-11 | o CONNECTOR, FPC 22P           |     |
| CN903               | 1-691-757-11 | o CONNECTOR, BB 8P, MALE       |     |
| CN904               | 1-766-176-11 | o CONNECTOR, BB 6P, MALE       |     |
| FL1                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL2                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL3                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL4                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL5                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL6                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL7                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| FL8                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |     |
| IC1                 | 8-759-173-37 | s IC L79M09T-TL                |     |
| IC2                 | 8-759-172-41 | s IC L78M09T-TL                |     |
| IC3                 | 8-759-745-64 | s IC NJM4560M                  |     |
| Q1                  | 8-729-202-38 | s TRANSISTOR 2SC3326N          |     |
| Q2                  | 8-729-202-38 | s TRANSISTOR 2SC3326N          |     |
| Q3                  | 8-729-202-38 | s TRANSISTOR 2SC3326N          |     |
| Q4                  | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146    |     |
| Q5                  | 8-729-027-38 | s TRANSISTOR DTA144EKA-T146    |     |
| Q6                  | 8-729-202-38 | s TRANSISTOR 2SC3326N          | *2) |
| Q7                  | 8-729-202-38 | s TRANSISTOR 2SC3326N          | *2) |
| R1                  | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R2                  | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W    |     |
| R3                  | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |     |
| R4                  | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |     |
| R5                  | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R6                  | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R7                  | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R8                  | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W    |     |
| R9                  | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |     |
| R10                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |     |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R13                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R14                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R16                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R17                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |     |
| R18                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     | *2) |

## MS-43 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8312-024-A | o MOUNTED CIRCUIT BOARD, MS-43  |
| C1                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C2                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C3                  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C9                  | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C10                 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C11                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C12                 | 1-126-960-11 | s ELECT 1uF 20% 50V             |
| C13                 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C14                 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C15                 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C16                 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C101                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C102                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C103                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C104                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C105                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C106                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C107                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C108                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C109                | 1-115-340-11 | s CERAMIC, CHIP 0.22uF 10% 25V  |
| C111                | 1-115-340-11 | s CERAMIC, CHIP 0.22uF 10% 25V  |
| C112                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C113                | 1-126-403-11 | s ELECT 3.3uF 20% 50V           |
| C114                | 1-115-340-11 | s CERAMIC, CHIP 0.22uF 10% 25V  |
| C115                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C116                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C117                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C118                | 1-164-505-11 | s CERAMIC, CHIP 2.2uF 16V       |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C203                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C204                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C205                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C206                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C207                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C208                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V      |
| C209                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C210                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C211                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C212                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C213                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| CN201               | 1-764-129-11 | s CONNECTOR, FPC 15P            |
| CN202               | 1-764-129-11 | s CONNECTOR, FPC 15P            |
| CN203               | 1-565-189-11 | s CONNECTOR, FPC 36P            |
| CN204               | 1-563-140-11 | s CONNECTOR 9P, FEMALE          |
| CN205               | 1-778-663-11 | o CONNECTOR, BB 6P, FEMALE      |
| CN206               | 1-565-189-11 | s CONNECTOR, FPC 36P            |
| CN207               | 1-766-716-11 | o CONNECTOR, BB 3P, MALE        |
| CN208               | 1-691-395-11 | s CONNECTOR, FPC 6P             |
| CN209               | 1-563-140-11 | s SOCKET, CONNECTOR 9P          |
| CN210               | 1-506-467-11 | s CONNECTOR 2P, MALE            |
| CN211               | 1-564-004-11 | o CONNECTOR 5P, MALE            |
| CN212               | 1-766-723-11 | s CONNECTOR, BB 3P, FEMALE      |
| CN221               | 1-566-767-11 | s CONNECTOR 12P, MALE           |
| D1                  | 8-719-938-07 | s LED GL480, INFRARED           |
| D2                  | 8-719-938-07 | s LED GL480, INFRARED           |

(MS-43 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| D101                | 8-719-800-76 | s LED 1SS226                  |
| IC1                 | 8-759-469-25 | s IC AK6440AF-E2              |
| IC2                 | 8-759-700-07 | s IC NJM2903M                 |
| IC101               | 8-759-288-80 | s IC TA8424F(TP2)             |
| IC102               | 8-759-106-02 | s IC UPC4570G2                |
| IC103               | 8-759-106-02 | s IC UPC4570G2                |
| IC104               | 8-759-700-07 | s IC NJM2903M                 |
| IC201               | 8-759-106-02 | s IC UPC4570G2                |
| IC202               | 8-759-399-64 | s IC LB1857M-TE-L             |
| Q1                  | 8-729-903-81 | s PHOTO TRANSISTOR PT480      |
| Q2                  | 8-729-903-81 | s PHOTO TRANSISTOR PT480      |
| R1                  | 1-216-628-11 | s METAL, CHIP 110 0.5% 1/10W  |
| R3                  | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R4                  | 1-216-628-11 | s METAL, CHIP 110 0.5% 1/10W  |
| R5                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R6                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R7                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R8                  | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R10                 | 1-216-295-91 | s RES, CHIP 0                 |
| R11                 | 1-216-295-91 | s RES, CHIP 0                 |
| R14                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R15                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R16                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R17                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R18                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R19                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R20                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R21                 | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R22                 | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R23                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R24                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R25                 | 1-216-672-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R26                 | 1-216-670-11 | s METAL, CHIP 6.2k 0.5% 1/10W |
| R27                 | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R101                | 1-216-111-00 | s METAL, CHIP 390k 5% 1/10W   |
| R102                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R103                | 1-216-295-91 | s RES, CHIP 0                 |
| R104                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W   |
| R105                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R106                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R107                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R108                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R110                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R111                | 1-220-230-11 | s METAL, CHIP 2.2 10% 1/4W    |
| R113                | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W    |
| R114                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R116                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R117                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R119                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R120                | 1-220-231-11 | s METAL, CHIP 2.7 10% 1/4W    |
| R121                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R123                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R125                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R126                | 1-216-101-00 | s METAL, CHIP 150k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R127                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R128                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R129                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W    |
| R130                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W    |
| R131                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R201                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R202                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W   |
| R203                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W   |
| R204                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R205                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R206                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R207                | 1-218-760-11 | s METAL, CHIP 220k 0.50% 1/10W |
| R208                | 1-218-760-11 | s METAL, CHIP 220k 0.50% 1/10W |
| R209                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R211                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W     |
| R212                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W     |
| R213                | 1-216-308-00 | s METAL, CHIP 4.7 5% 1/10W     |
| R214                | 1-216-031-00 | s METAL, CHIP 180 5% 1/10W     |
| TH1                 | 1-809-357-21 | s THERMISTOR, CHIP 10k         |

## PRE-34 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10031 and higher (For DSR-80 J)  
Serial number; 10031 and higher (For DSR-80 UC)  
Serial number; 10041 and higher (For DSR-80P CE)
- \*2) Serial number; 10031 through 10430 (For DSR-80 J)  
Serial number; 10031 through 10430 (For DSR-80 UC)  
Serial number; 10041 through 10320 (For DSR-80P CE)
- \*3) Serial number; 10001 through 10430 (For DSR-80 J)  
Serial number; 10001 through 10470 (For DSR-80 UC)  
Serial number; 10001 through 10320 (For DSR-80P CE)
- \*4) Serial number; 10431 and higher (For DSR-80 J)  
Serial number; 10471 and higher (For DSR-80 UC)  
Serial number; 10321 and higher (For DSR-80P CE)  
Serial number; 10001 and higher (For DSR-80P UC)

1pc A-8315-287-A s MOUNTED CIRCUIT BOARD, PRE-34

|      |                |                                 |     |
|------|----------------|---------------------------------|-----|
| C101 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C102 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C103 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C104 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C105 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C106 | 1-162-294-31 s | CERAMIC, CHIP 0.001uF 10% 50V   | *3) |
|      | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    | *4) |
| C107 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C108 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C109 | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |     |
| C110 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C111 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C112 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C114 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C115 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C116 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C117 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C120 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C121 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C122 | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |     |
| C123 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C125 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C126 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C130 | 1-164-161-11 s | CERAMIC, CHIP 0.0022uF 10% 100V |     |
| C131 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C132 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C201 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C202 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C203 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C204 | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |     |
| C205 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C206 | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |     |
| C207 | 1-163-099-00 s | CERAMIC, CHIP 18pF 5% 50V       |     |
| C208 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C301 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C302 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C303 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C304 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C307 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C308 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C309 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |
| C310 | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |     |

## (PRE-34 BOARD)

Ref. No.  
or Q'ty Part No. SP Description

|       |                  |                              |     |
|-------|------------------|------------------------------|-----|
| C311  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C312  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C313  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C315  | 1-104-851-11 s   | TANTALUM, CHIP 10uF 20% 10V  |     |
| C316  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C317  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C318  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C319  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C320  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C321  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C322  | 1-163-021-91 s   | CERAMIC, CHIP 0.01uF 10% 50V |     |
| C325  | 1-104-851-11 s   | TANTALUM, CHIP 10uF 20% 10V  |     |
| C326  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C327  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      |     |
| C328  | 1-104-823-11 s   | TANTALUM, CHIP 47uF 20% 16V  |     |
| C329  | 1-104-823-11 s   | TANTALUM, CHIP 47uF 20% 16V  |     |
| C330  | 1-104-851-11 s   | TANTALUM, CHIP 10uF 20% 10V  | *1) |
| C331  | 1-163-038-91 s   | CERAMIC, CHIP 0.1uF 25V      | *1) |
| C332  | 1-163-222-11 s   | CERAMIC, CHIP 5pF 50V        |     |
| C333  | 1-163-222-11 s   | CERAMIC, CHIP 5pF 50V        |     |
| CN1   | 1-750-505-11 s   | CONNECTOR, FPC 18P           |     |
| CN2   | 1-563-853-11 o   | CONNECTOR, FPC 22P           |     |
| CN3   | 1-563-853-11 o   | CONNECTOR, FPC 22P           |     |
| D102  | 8-719-052-27 s   | DIODE 1SS351-TB              |     |
| D201  | 8-719-052-27 s   | DIODE 1SS351-TB              |     |
| IC101 | 8-752-067-87 s   | IC CXA1760Q                  |     |
| IC103 | 8-759-524-50 s   | IC TC74VHC541FT(EL)          |     |
| IC201 | 8-752-067-87 s   | IC CXA1760Q                  |     |
| IC302 | 8-759-259-77 s   | IC PQ20VZ5U                  |     |
| L101  | 1-412-390-21 s   | INDUCTOR, CHIP 0uH           |     |
| L102  | 1-412-390-21 s   | INDUCTOR, CHIP 0uH           |     |
| L103  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L104  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L105  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L106  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L107  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          | *2) |
| L108  | 1-414-396-21 s   | INDUCTOR, CHIP 4.7uH         | *4) |
| L109  | 1-414-396-21 s   | INDUCTOR, CHIP 4.7uH         | *4) |
| L201  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L202  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L301  | 1-414-404-11 s   | INDUCTOR 100uH               |     |
| L302  | 1-414-404-11 s   | INDUCTOR 100uH               |     |
| L303  | 1-414-404-11 s   | INDUCTOR 100uH               |     |
| L304  | 1-414-404-11 s   | INDUCTOR 100uH               |     |
| L309  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L310  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| L311  | 1-409-556-11 s   | COIL, CHOKE 47uH             |     |
| L370  | 1-414-398-11 s   | INDUCTOR, CHIP 10uH          |     |
| PS101 | Δ 1-533-282-21 s | LINK, IC, CHIP 2A            |     |
| PS102 | Δ 1-533-282-21 s | LINK, IC, CHIP 2A            |     |
| PS103 | Δ 1-533-282-21 s | LINK, IC, CHIP 2A            |     |
| PS104 | Δ 1-533-282-21 s | LINK, IC, CHIP 2A            |     |
| Q102  | 8-729-112-65 s   | TRANSISTOR 2SA1462           |     |
| Q103  | 8-729-141-48 s   | TRANSISTOR 2SB624-BV345      |     |
| Q104  | 8-729-112-65 s   | TRANSISTOR 2SA1462           |     |
| Q105  | 8-729-202-38 s   | TRANSISTOR 2SC3326N          |     |
| Q106  | 8-729-112-65 s   | TRANSISTOR 2SA1462           | *4) |

(PRE-34 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q107                | 8-729-141-48 | s TRANSISTOR 2SB624-BV345     |
| Q301                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q302                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q303                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q304                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q308                | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6     |
| Q309                | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6     |
| Q321                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q322                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q323                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q324                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6     |
| Q351                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q352                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q353                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q354                | 8-729-034-25 | s TRANSISTOR 2SK322WQTL       |
| Q358                | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6     |
| Q359                | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6     |
| R101                | 1-216-295-91 | s RES, CHIP 0                 |
| R102                | 1-216-295-91 | s RES, CHIP 0                 |
| R103                | 1-216-295-91 | s RES, CHIP 0                 |
| R104                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R105                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R106                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R107                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R108                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R109                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R111                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R113                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R115                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R116                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R117                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R118                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R119                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R121                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R122                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R123                | 1-216-295-91 | s RES, CHIP 0                 |
| R127                | 1-216-617-11 | s METAL, CHIP 39 0.50% 1/10W  |
| R128                | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W   |
| R129                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R130                | 1-216-298-00 | s METAL, CHIP 2.2 5% 1/10W    |
| R131                | 1-216-298-00 | s METAL, CHIP 2.2 5% 1/10W    |
| R201                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R202                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R203                | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R204                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R205                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R206                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R208                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R210                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R211                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R212                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R213                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R214                | 1-216-295-91 | s RES, CHIP 0                 |
| R215                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-295-91 | s RES, CHIP 0                 |
| R222                | 1-216-295-91 | s RES, CHIP 0                 |
| R301                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

(PRE-34 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |     |
|---------------------|--------------|-----------------------------|-----|
| R302                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R303                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R304                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R305                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R306                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R311                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |     |
| R312                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R313                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R314                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |     |
| R315                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |     |
| R316                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |     |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R322                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R323                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R324                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R325                | 1-216-295-91 | s RES, CHIP 0               | *3) |
| R326                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |     |
| R327                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |     |
| R351                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R352                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R353                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R354                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R355                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R356                | 1-216-023-00 | s METAL, CHIP 82 5% 1/10W   |     |
| R361                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |     |
| R362                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R363                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |     |
| R364                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |     |
| R365                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W |     |
| R366                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W |     |
| R371                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R372                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |     |
| R373                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R374                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |
| R375                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |     |
| R376                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |     |
| R377                | 1-216-295-91 | s RES, CHIP 0               | *3) |
| R378                | 1-216-295-91 | s RES, CHIP 0               | *3) |
| R379                | 1-216-662-11 | s METAL, CHIP 3k 0.5% 1/10W |     |
| R380                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |     |

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PTC-84 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-908-11 | o PRINTED CIRCUIT BOARD, PTC-84 |
| CN220               | 1-566-767-11 | s CONNECTOR 12P, MALE           |
| CN222               | 1-564-002-11 | s CONNECTOR 3P, MALE            |
| CN223               | 1-506-468-11 | s CONNECTOR 3P, MALE            |
| CN224               | 1-506-467-11 | s CONNECTOR 2P, MALE            |
| PH1                 | 8-719-991-24 | s PHOTO TRANSISTOR GP1S23       |
| PH2                 | 8-719-991-24 | s PHOTO TRANSISTOR GP1S23       |

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PTC-85 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-909-11 | o PRINTED CIRCUIT BOARD, PTC-85 |
| CN26                | 1-766-716-11 | o CONNECTOR, BB 3P, MALE        |
| Q1                  | 8-729-926-31 | s PHOTO TRANSISTOR PT483F1S     |

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PTC-86 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-910-11 | o PRINTED CIRCUIT BOARD, PTC-86 |
| CN24                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN25                | 1-778-662-11 | o CONNECTOR, BB 6P, MALE        |
| Q1                  | 8-729-926-31 | s PHOTO TRANSISTOR PT483F1S     |

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PTC-87 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-911-11 | o PRINTED CIRCUIT BOARD, PTC-87 |
| CN23                | 1-766-723-11 | s CONNECTOR, BB 3P, FEMALE      |
| D1                  | 8-719-057-82 | s LED TLN115A, INFRARED         |

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PTC-88 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-912-11 | o PRINTED CIRCUIT BOARD, PTC-88 |
| CN21                | 1-506-484-11 | s CONNECTOR 5P, MALE            |
| CN22                | 1-506-481-11 | s CONNECTOR 2P, MALE            |
| PH1                 | 8-719-939-05 | s PHOTO-INTERRUPTER GP-1S54     |

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RM-159 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-916-11 | o PRINTED CIRCUIT BOARD, RM-159 |
| CN11                | 1-778-666-11 | o CONNECTOR, FPC 9P             |
| CN12                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN13                | 1-564-013-11 | o CONNECTOR 3P, MALE            |
| CN14                | 1-564-718-11 | o CONNECTOR 2P, MALE            |

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RM-160 BOARD  
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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-919-11 | o PRINTED CIRCUIT BOARD, RM-160 |
| CN15                | 1-778-666-11 | o CONNECTOR, FPC 9P             |
| CN16                | 1-565-876-11 | o CONNECTOR 4P, MALE            |
| CN17                | 1-564-013-11 | o CONNECTOR 3P, MALE            |
| CN18                | 1-564-718-11 | o CONNECTOR 2P, MALE            |



RP-101 BOARD; Suffix -13, 14

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -13 and 14.

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10780 (For DSR-80 J)  
Serial number; 10001 through 11750 (For DSR-80 UC)  
Serial number; 10001 through 11470 (For DSR-80P CE)  
\*2) Serial number; 10781 and higher (For DSR-80 J)  
Serial number; 11751 and higher (For DSR-80 UC)  
Serial number; 11471 and higher (For DSR-80P CE)  
Serial number; 10001 and higher (For DSR-80P CE)

|      |              |   |                                  |
|------|--------------|---|----------------------------------|
| 1pc  | A-8315-285-A | s | MOUNTED CIRCUIT BOARD, RP-101    |
| 1pc  | 7-682-903-11 | s | SCREW +PWH 3x6                   |
| 1pc  | 3-179-084-01 | s | LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s | LEVER (L), PRINTED CIRCUIT BOARD |
|      |              |   |                                  |
| C11  | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
|      |              |   |                                  |
| C16  | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V      |
| C17  | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V         |
| C102 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
|      |              |   |                                  |
| C105 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C106 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C107 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C108 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
|      |              |   |                                  |
| C110 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C111 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C114 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C115 | 1-126-390-11 | s | ELECT, CHIP 22uF 20% 6.3V        |
| C116 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V     |
|      |              |   |                                  |
| C117 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-135-145-11 | s | TANTALUM, CHIP 0.47uF 10% 35V    |
| C119 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C120 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C121 | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V         |
|      |              |   |                                  |
| C122 | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V         |
| C127 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C128 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C131 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C132 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
|      |              |   |                                  |
| C134 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C135 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C136 | 1-126-394-11 | s | ELECT, CHIP 10uF 20% 16V         |
| C137 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V     |
| C138 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V     |
|      |              |   |                                  |
| C139 | 1-135-145-11 | s | TANTALUM, CHIP 0.47uF 10% 35V    |
| C140 | 1-163-243-11 | s | CERAMIC, CHIP 47pF 5% 50V        |
| C141 | 1-126-394-11 | s | ELECT, CHIP 10uF 20% 16V         |
| C142 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V      |
| C143 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
|      |              |   |                                  |
| C144 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C145 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V          |
| C146 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V      |

(RP-101 BOARD; Suffix -13, 14)

Ref. No.  
or Q'ty Part No. SP Description

|      |              |   |                               |
|------|--------------|---|-------------------------------|
| C201 | 1-110-569-11 | s | TANTALUM, CHIP 47uF 20% 6.3V  |
| C202 | 1-110-569-11 | s | TANTALUM, CHIP 47uF 20% 6.3V  |
| C203 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C204 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C205 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C206 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C207 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C208 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C209 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C210 | 1-163-224-11 | s | CERAMIC, CHIP 7pF 0.25pF 50V  |
|      |              |   |                               |
| C211 | 1-163-224-11 | s | CERAMIC, CHIP 7pF 0.25pF 50V  |
| C212 | 1-163-224-11 | s | CERAMIC, CHIP 7pF 0.25pF 50V  |
| C213 | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V      |
| C214 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C215 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C216 | 1-126-392-11 | s | ELECT, CHIP 100uF 20% 6.3V    |
| C217 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C218 | 1-126-392-11 | s | ELECT, CHIP 100uF 20% 6.3V    |
| C219 | 1-126-392-11 | s | ELECT, CHIP 100uF 20% 6.3V    |
| C220 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C221 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C222 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C223 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C224 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C225 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C226 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C227 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C228 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C229 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C230 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C231 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V   |
| C232 | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V      |
| C233 | 1-126-396-11 | s | ELECT, CHIP 47uF 20% 16V      |
| C303 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C304 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
|      |              |   |                               |
| C306 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V   |
| C307 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C308 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V   |
| C309 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C310 | 1-163-251-11 | s | CERAMIC, CHIP 100pF 5% 50V    |
|      |              |   |                               |
| C311 | 1-163-989-11 | s | CERAMIC, CHIP 0.033uF 10% 25V |
| C312 | 1-163-989-11 | s | CERAMIC, CHIP 0.033uF 10% 25V |
| C313 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C314 | 1-163-038-91 | s | CERAMIC, CHIP 0.1uF 25V       |
| C315 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
|      |              |   |                               |
| C316 | 1-163-275-11 | s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C317 | 1-163-243-11 | s | CERAMIC, CHIP 47pF 5% 50V     |
| C319 | 1-163-091-00 | s | CERAMIC, CHIP 8pF 50V         |
| C322 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C323 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
|      |              |   |                               |
| C324 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C325 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C326 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C327 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C328 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
|      |              |   |                               |
| C329 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C330 | 1-104-851-11 | s | TANTALUM, CHIP 10uF 20% 10V   |
| C331 | 1-163-021-91 | s | CERAMIC, CHIP 0.01uF 10% 50V  |
| C332 | 1-163-133-00 | s | CERAMIC, CHIP 470pF 5% 50V    |

(RP-101 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                    |
|---------------------|----------------|-----------------------------------|
| C333                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C334                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C335                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C336                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C337                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C338                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V        |
| C339                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C340                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C341                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V        |
| C342                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C343                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C344                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C345                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V *1) |
| C346                | 1-163-016-00 s | CERAMIC, CHIP 0.0039MF 10% 50V    |
| C347                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V    |
| C348                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V         |
| C349                | 1-164-182-11 s | CERAMIC, CHIP 0.0033uF 10% 100V   |
| C350                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C351                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V         |
| C352                | 1-163-016-00 s | CERAMIC, CHIP 0.0039MF 10% 50V    |
| C353                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V    |
| C354                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C355                | 1-164-182-11 s | CERAMIC, CHIP 0.0033uF 10% 100V   |
| C356                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C357                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C358                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C359                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C360                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C361                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C362                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C363                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C364                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C365                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C366                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V *2)       |
| C367                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V *2)   |
| C368                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V *2)       |
| C401                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C402                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C403                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C406                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C407                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V       |
| C408                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V        |
| C409                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C410                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V     |
| C411                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V     |
| C412                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C413                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V           |
| C414                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C415                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V      |
| C416                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V         |
| C418                | 1-163-091-00 s | CERAMIC, CHIP 8pF 50V             |
| C420                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C421                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C423                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C424                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C425                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C426                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C427                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |
| C428                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V      |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| C429                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C430                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C431                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V      |
| C432                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C433                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C434                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C435                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C436                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C441                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C442                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C443                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C444                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C445                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C446                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C447                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C448                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C449                | 1-163-016-00 s | CERAMIC, CHIP 0.0039MF 10% 50V  |
| C450                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V  |
| C451                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V       |
| C452                | 1-164-182-11 s | CERAMIC, CHIP 0.0033uF 10% 100V |
| C453                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C454                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V       |
| C455                | 1-163-016-00 s | CERAMIC, CHIP 0.0039MF 10% 50V  |
| C456                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V  |
| C457                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C458                | 1-164-182-11 s | CERAMIC, CHIP 0.0033uF 10% 100V |
| C459                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C460                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C461                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C462                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C463                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C464                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C465                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C466                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C467                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C468                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C469                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V   |
| C470                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C471                | 1-126-396-11 s | ELECT, CHIP 47uF 20% 16V *2)    |
| C472                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V *2) |
| C473                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V *2)     |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C503                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C506                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C507                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C508                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |
| C509                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C510                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V   |
| C511                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V   |
| C512                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C513                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C514                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C515                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |
| C516                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V       |
| C518                | 1-163-091-00 s | CERAMIC, CHIP 8pF 50V           |
| C521                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C522                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C523                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |
| C524                | 1-163-021-91 s | CERAMIC, CHIP 0.01uF 10% 50V    |

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|---------------------|--------------|-----------------------------------|
| C525                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C526                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C527                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C528                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C529                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C530                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C531                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V      |
| C532                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C533                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C534                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C535                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C536                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C537                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C538                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C539                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C540                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C541                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C542                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C543                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C544                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C545                | 1-163-016-00 | s CERAMIC, CHIP 0.0039MF 10% 50V  |
| C546                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V  |
| C547                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
| C548                | 1-164-182-11 | s CERAMIC, CHIP 0.0033uF 10% 100V |
| C549                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C550                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
| C551                | 1-163-016-00 | s CERAMIC, CHIP 0.0039MF 10% 50V  |
| C552                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V  |
| C553                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C554                | 1-164-182-11 | s CERAMIC, CHIP 0.0033uF 10% 100V |
| C555                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C556                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C557                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C558                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C559                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C560                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C561                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C562                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C563                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C564                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C565                | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V   |
| C566                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V *2)    |
| C567                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V *2) |
| C568                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V *2)     |
| C601                | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V   |
| C602                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C603                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C604                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C605                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C606                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C607                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C608                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C609                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C610                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C611                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C612                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C613                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C614                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C615                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C616                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C617                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C618                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C619                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C620                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C621                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V *2) |
| C622                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V *2) |
| C701                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C707                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C708                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C709                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C710                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C711                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C712                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C713                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C714                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C717                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C719                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C721                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C723                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V      |
| C725                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C727                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C728                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C731                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C732                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C733                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C737                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V    |
| C739                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C741                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C742                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C743                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C744                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V *2) |
| C745                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V *2) |
| CN1                 | 1-566-621-11 | o CONNECTOR, PS 34P, FEMALE       |
| CN116               | 1-778-262-12 | o CONNECTOR, BB 148P, MALE        |
| D101                | 8-719-027-95 | s DIODE HSM88WK                   |
| D102                | 8-719-041-39 | s DIODE KV1470                    |
| D103                | 8-719-027-95 | s DIODE HSM88WK                   |
| D104                | 8-719-041-39 | s DIODE KV1470                    |
| D601                | 8-719-041-39 | s DIODE KV1470                    |
| D602                | 8-719-027-95 | s DIODE HSM88WK                   |
| FL301               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL302               | 1-233-343-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL303               | 1-233-344-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL401               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL402               | 1-233-343-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL403               | 1-233-344-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL501               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL502               | 1-233-343-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL503               | 1-233-344-21 | s FILTER, LOW-PASS, CHIP 22MHz    |
| FL701               | 1-233-351-21 | s FILTER, BAND-PASS, CHIP 465kHz  |
| FL702               | 1-233-350-21 | s FILTER, BAND-PASS, CHIP 697kHz  |
| IC11                | 8-759-259-77 | s IC PQ20VZ5U                     |
| IC101               | 8-752-360-44 | s IC CXK1203AR                    |
| IC102               | 8-759-490-41 | s IC TC74VHCT541AFT(EL)           |
| IC103               | 8-759-167-20 | s IC UPD42280GU-30                |
| IC104               | 8-759-167-20 | s IC UPD42280GU-30                |

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|---------------------|--------------|-------------------------|
| IC105               | 8-752-379-36 | s IC CXD2189AR          |
| IC106               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC107               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC110               | 8-752-379-36 | s IC CXD2189AR          |
| IC115               | 8-759-523-81 | s IC TC74VHC08FT(EL)    |
| IC116               | 8-759-523-81 | s IC TC74VHC08FT(EL)    |
| IC117               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC118               | 8-759-196-97 | s IC TC7SH32FU-TE85R    |
| IC201               | 8-759-523-81 | s IC TC74VHC08FT(EL)    |
| IC202               | 8-759-524-10 | s IC TC74VHC157FT(EL)   |
| IC203               | 8-759-491-55 | s IC TC74VHCT74AFT(EL)  |
| IC204               | 8-759-012-02 | s IC MC10H124M          |
| IC205               | 8-759-012-00 | s IC MC10H116M          |
| IC206               | 8-759-066-59 | s IC TC74HC4053AFS      |
| IC207               | 8-759-530-05 | s IC TC4053BFT(EL,N)    |
| IC208               | 8-759-453-98 | s IC CXD8668Q           |
| IC209               | 8-759-268-95 | s IC SN74HCT00ANS-E05   |
| IC301               | 8-752-070-11 | s IC CXA1761R           |
| IC302               | 8-752-070-12 | s IC CXA1762Q           |
| IC303               | 8-752-371-18 | s IC CXD2302Q           |
| IC304               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC401               | 8-752-070-11 | s IC CXA1761R           |
| IC403               | 8-752-070-12 | s IC CXA1762Q           |
| IC404               | 8-752-371-18 | s IC CXD2302Q           |
| IC450               | 8-759-196-97 | s IC TC7SH32FU-TE85R    |
| IC501               | 8-752-070-11 | s IC CXA1761R           |
| IC502               | 8-752-070-12 | s IC CXA1762Q           |
| IC503               | 8-752-371-18 | s IC CXD2302Q           |
| IC550               | 8-759-196-97 | s IC TC7SH32FU-TE85R    |
| IC601               | 8-752-379-36 | s IC CXD2189AR          |
| IC602               | 8-752-379-36 | s IC CXD2189AR          |
| IC603               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC604               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC605               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC606               | 8-759-524-50 | s IC TC74VHC541FT(EL)   |
| IC607               | 8-759-459-41 | s IC TMS4C2973-26DTR    |
| IC608               | 8-759-459-41 | s IC TMS4C2973-26DTR    |
| IC701               | 8-759-469-25 | s IC AK6440AF-E2        |
| IC702               | 8-759-064-36 | s IC MB88346BPFV        |
| IC703               | 8-759-064-36 | s IC MB88346BPFV        |
| IC704               | 8-759-064-36 | s IC MB88346BPFV        |
| IC705               | 8-759-100-96 | s IC UPC4558G2          |
| IC706               | 8-759-009-07 | s IC MC14053BF          |
| IC707               | 8-759-062-66 | s IC TC7S66F            |
| IC709               | 8-759-327-00 | s IC CXA8044Q-T4        |
| L101                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L102                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L103                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L104                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |
| L105                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L106                | 1-410-738-41 | s INDUCTOR, CHIP 0.56uH |
| L107                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L108                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L109                | 1-410-738-41 | s INDUCTOR, CHIP 0.56uH |
| L201                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L202                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L203                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L204                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L205                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |

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|---------------------|----------------|------------------------------|
| L206                | 1-410-369-11   | s INDUCTOR, CHIP 1uH         |
| L207                | 1-410-369-11   | s INDUCTOR, CHIP 1uH         |
| L208                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L301                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L302                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L303                | 1-412-963-11   | s INDUCTOR, CHIP 100uH       |
| L305                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L306                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L307                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L308                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L309                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L401                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L402                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L403                | 1-412-963-11   | s INDUCTOR, CHIP 100uH       |
| L405                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L406                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L407                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L408                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L409                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L410                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L411                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L501                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L502                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L503                | 1-412-963-11   | s INDUCTOR, CHIP 100uH       |
| L505                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L506                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L507                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L508                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L509                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L510                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L601                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L602                | 1-410-738-41   | s INDUCTOR, CHIP 0.56uH      |
| L603                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L604                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L605                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L701                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L702                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L704                | 1-412-282-41   | s INDUCTOR, CHIP 470uH       |
| L706                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| L707                | 1-414-398-11   | s INDUCTOR, CHIP 10uH        |
| PS11                | Δ 1-533-282-21 | s LINK, IC, CHIP 2A          |
| PS13                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A          |
| PS14                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A          |
| PS15                | Δ 1-576-124-11 | s LINK, IC, CHIP 1A          |
| Q202                | 8-729-216-22   | s TRANSISTOR 2SA1162         |
| Q206                | 8-729-907-46   | s TRANSISTOR 1M21            |
| Q207                | 8-729-907-46   | s TRANSISTOR 1M21            |
| Q208                | 8-729-140-47   | s TRANSISTOR 2SC3735-T2B-B35 |
| Q301                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q302                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q303                | 8-729-905-23   | s TRANSISTOR 2SA1576R        |
| Q304                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q305                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q306                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q307                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q308                | 8-729-905-35   | s TRANSISTOR 2SC4081-R       |
| Q401                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q402                | 8-729-905-35   | s TRANSISTOR 2SC4081R        |
| Q403                | 8-729-905-23   | s TRANSISTOR 2SA1576R        |

\*2)  
\*2)

\*1)

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q404                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q405                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q406                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q407                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q501                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q502                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q503                | 8-729-905-23 | s TRANSISTOR 2SA1576R         |
| Q504                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q505                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q506                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q507                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| Q701                | 8-729-024-91 | s TRANSISTOR 2SC2712-GL-TE85L |
| Q702                | 8-729-900-53 | s TRANSISTOR DTC114EK         |
| Q703                | 8-729-900-53 | s TRANSISTOR DTC114EK         |
| Q704                | 8-729-905-35 | s TRANSISTOR 2SC4081R         |
| R11                 | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R12                 | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R101                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R102                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R103                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R104                | 1-216-295-91 | s RES, CHIP 0                 |
| R105                | 1-216-295-91 | s RES, CHIP 0                 |
| R106                | 1-216-295-91 | s RES, CHIP 0                 |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R110                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R111                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R113                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R114                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R115                | 1-216-295-91 | s RES, CHIP 0                 |
| R146                | 1-216-295-91 | s RES, CHIP 0 *2)             |
| R147                | 1-216-295-91 | s RES, CHIP 0                 |
| R148                | 1-216-295-91 | s RES, CHIP 0                 |
| R149                | 1-216-295-91 | s RES, CHIP 0                 |
| R150                | 1-216-295-91 | s RES, CHIP 0                 |
| R151                | 1-216-295-91 | s RES, CHIP 0                 |
| R152                | 1-216-295-91 | s RES, CHIP 0 *2)             |
| R153                | 1-216-295-91 | s RES, CHIP 0                 |
| R160                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R161                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R162                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R164                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R165                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R166                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R202                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R222                | 1-216-295-91 | s RES, CHIP 0                 |
| R223                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R224                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R225                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R226                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R227                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R228                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R229                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R230                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R231                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R232                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R233                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |
| R234                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R235                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R237                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W   |
| R238                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W   |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R240                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R241                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |
| R243                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R244                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R245                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R246                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R247                | 1-216-295-91 | s RES, CHIP 0                |
| R248                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R301                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |
| R302                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W    |
| R303                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W  |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R305                | 1-216-021-00 | s METAL, CHIP 68 5% 1/10W    |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R307                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W  |
| R308                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R309                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R310                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W  |
| R311                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W   |
| R312                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W   |
| R313                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W |
| R314                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W |
| R315                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |
| R316                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R318                | 1-216-295-91 | s RES, CHIP 0                |
| R319                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R320                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |
| R321                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R322                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R323                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R324                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R325                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R326                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R327                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |
| R328                | 1-216-295-91 | s RES, CHIP 0                |
| R329                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |
| R330                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R331                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |
| R332                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R333                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |
| R334                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R335                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R336                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |
| R337                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R338                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W |
| R339                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |
| R340                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W |
| R341                | 1-216-295-91 | s RES, CHIP 0                |
| R342                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R343                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R344                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R345                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R401                | 1-216-021-00 | s METAL, CHIP 68 5% 1/10W    |
| R402                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| R403                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W        |
| R404                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W      |
| R405                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R407                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W      |
|                     |              |                                  |
| R408                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W      |
| R409                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W       |
| R410                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R411                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W     |
| R412                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W       |
|                     |              |                                  |
| R413                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W       |
| R414                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W     |
| R415                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W       |
| R416                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R418                | 1-216-295-91 | s RES, CHIP 0                    |
|                     |              |                                  |
| R419                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R420                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W       |
| R421                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W       |
| R422                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W       |
| R423                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W       |
|                     |              |                                  |
| R424                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W       |
| R425                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W       |
| R426                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W       |
| R427                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W     |
| R428                | 1-216-295-91 | s RES, CHIP 0                    |
|                     |              |                                  |
| R429                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W     |
| R430                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W      |
| R431                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W      |
| R432                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| R433                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W       |
|                     |              |                                  |
| R434                | 1-216-101-00 | s METAL, CHIP 150k 5% 1/10W      |
| R435                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W      |
| R436                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W      |
| R437                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| R438                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W     |
|                     |              |                                  |
| R439                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W       |
| R440                | 1-216-683-11 | s METAL, CHIP 22k 0.5% 1/10W     |
| R441                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R442                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R443                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W *1)   |
|                     |              |                                  |
|                     | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W *2) |
|                     |              |                                  |
| R446                | 1-216-295-91 | s RES, CHIP 0                    |
| R447                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W       |
| R502                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W      |
| R503                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W        |
| R504                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W      |
|                     |              |                                  |
| R505                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R506                | 1-216-021-00 | s METAL, CHIP 68 5% 1/10W        |
| R507                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R508                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W      |
| R509                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W       |
|                     |              |                                  |
| R510                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R511                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W      |
| R512                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W       |
| R513                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W       |
| R514                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W     |
|                     |              |                                  |
| R515                | 1-216-684-91 | s METAL, CHIP 24k 0.5% 1/10W     |
| R516                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |     |
|---------------------|--------------|------------------------------|-----|
| R517                | 1-216-042-00 | s METAL, CHIP 510 5% 1/10W   |     |
| R519                | 1-216-295-91 | s RES, CHIP 0                |     |
| R520                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R521                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |     |
| R522                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |     |
|                     |              |                              |     |
| R523                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |     |
| R524                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |     |
| R525                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |     |
| R526                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |     |
| R527                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |     |
|                     |              |                              |     |
| R528                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |     |
| R529                | 1-216-295-91 | s RES, CHIP 0                |     |
| R530                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |     |
| R531                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R532                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |     |
|                     |              |                              |     |
| R533                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
| R534                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |     |
| R535                | 1-216-101-00 | s METAL, CHIP 150k 5% 1/10W  |     |
| R536                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R537                | 1-216-295-91 | s RES, CHIP 0                |     |
|                     |              |                              |     |
| R538                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W  |     |
| R539                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
| R540                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W |     |
| R541                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |     |
| R542                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |     |
|                     |              |                              |     |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R544                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R545                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W   | *1) |
|                     |              |                              |     |
|                     | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W | *2) |
|                     |              |                              |     |
| R548                | 1-216-295-91 | s RES, CHIP 0                |     |
| R549                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |     |
| R601                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R602                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W   |     |
| R603                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
|                     |              |                              |     |
| R604                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R605                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R606                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |     |
| R608                | 1-216-295-91 | s RES, CHIP 0                |     |
| R609                | 1-216-295-91 | s RES, CHIP 0                |     |
|                     |              |                              |     |
| R611                | 1-216-295-91 | s RES, CHIP 0                |     |
| R701                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
| R702                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
| R703                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |     |
| R704                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
|                     |              |                              |     |
| R705                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R706                | 1-216-295-91 | s RES, CHIP 0                |     |
| R707                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W |     |
| R708                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |     |
| R709                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
|                     |              |                              |     |
| R710                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R711                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |     |
| R714                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R718                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |     |
| R720                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W  |     |
|                     |              |                              |     |
| R721                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |     |
| R724                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R725                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R728                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |     |



(RP-101 BOARD; Suffix -13, 14)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R730                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R731                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R732                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R736                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R738                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W     |
| R740                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R741                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R742                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R746                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R748                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R790                | 1-216-295-91 | s RES, CHIP 0                  |
| RB101               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-236-908-11 | s RESISTOR BLOCK, CHIP 10k x 4 |
| RB104               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB601               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB602               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB603               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB604               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB605               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB606               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB607               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB701               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB702               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |

RP-101 BOARD; Suffix -11, 12

Ref. No.  
or Q'ty Part No. SP Description

This list corresponds to the board suffix numbers -11 and 12.

1pc A-8315-285-A s MOUNTED CIRCUIT BOARD, RP-101

The RP-101 board with board suffix numbers -11 and -12 includes the DUS-131 board.

See the list in the DUS-131 board for details.

|      |              |                                    |
|------|--------------|------------------------------------|
| 1pc  | 7-682-903-11 | s SCREW +PWH 3x6                   |
| 1pc  | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc  | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| C11  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C12  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C13  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C14  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C15  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C16  | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V      |
| C17  | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C102 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C103 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C104 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C105 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C106 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C107 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C108 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C109 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C111 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C113 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C114 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C115 | 1-126-390-11 | s ELECT, CHIP 22uF 20% 6.3V        |
| C116 | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V    |
| C117 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C118 | 1-135-145-11 | s TANTALUM, CHIP 0.47uF 10% 35V    |
| C119 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C120 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C121 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C122 | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V         |
| C127 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C128 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C129 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V       |
| C130 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C131 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C132 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C133 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V        |
| C136 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V         |
| C201 | 1-110-569-11 | s TANTALUM, CHIP 47uF 20% 6.3V     |
| C202 | 1-110-569-11 | s TANTALUM, CHIP 47uF 20% 6.3V     |
| C203 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C204 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C205 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C206 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C207 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C208 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C209 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C210 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V            |
| C211 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V            |
| C212 | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V            |

(RP-101 BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C213                | 1-126-396-11 | s ELECT, CHIP 47uF 20% 16V       |
| C214                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C215                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C216                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V     |
| C217                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C218                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V     |
| C219                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V     |
| C220                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C221                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C303                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C304                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C306                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C308                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C309                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C310                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C311                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V  |
| C312                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V  |
| C313                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C315                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C316                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C317                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C319                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V          |
| C322                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C323                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C324                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C325                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C326                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C327                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C328                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C329                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C330                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C331                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C332                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C333                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C334                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C335                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C336                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C337                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C338                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V     |
| C339                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C340                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C341                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V     |
| C342                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C343                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C344                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C345                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C346                | 1-163-016-00 | s CERAMIC CHIP 0.0039MF 10% 50V  |
| C347                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V |
| C348                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C349                | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V  |
| C350                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C351                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C352                | 1-163-016-00 | s CERAMIC CHIP 0.0039MF 10% 50V  |
| C353                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V |
| C354                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C355                | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V  |
| C356                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |

(RP-101 BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C357                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C358                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C359                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C360                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C361                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C362                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C363                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C364                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C365                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C401                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C402                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C403                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C406                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C407                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C408                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C409                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C410                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V  |
| C411                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V  |
| C412                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C413                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C414                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C415                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C416                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C418                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V          |
| C420                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C421                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C423                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C424                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C425                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C426                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C427                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C428                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C429                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C430                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C431                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C432                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C433                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C434                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C435                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C436                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C441                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V     |
| C442                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C443                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C444                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V     |
| C445                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C446                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V    |
| C447                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C448                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C449                | 1-163-016-00 | s CERAMIC CHIP 0.0039MF 10% 50V  |
| C450                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V |
| C451                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C452                | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V  |
| C453                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C454                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C455                | 1-163-016-00 | s CERAMIC CHIP 0.0039MF 10% 50V  |
| C456                | 1-163-020-00 | s CERAMIC, CHIP 0.0082uF 10% 50V |
| C457                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C458                | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V  |
| C459                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |

(RP-101 BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                 |
|---------------------|----------------|--------------------------------|
| C460                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C461                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C462                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C463                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C464                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C465                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C466                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C467                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C468                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C469                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V  |
| C470                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C503                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C506                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C507                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C508                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V     |
| C509                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C510                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V  |
| C511                | 1-163-989-11 s | CERAMIC, CHIP 0.033uF 10% 25V  |
| C512                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C513                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C514                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C515                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V   |
| C516                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V      |
| C518                | 1-163-091-00 s | CERAMIC, CHIP 8pF 50V          |
| C521                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C522                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C523                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C524                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C525                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C526                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C527                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C528                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C529                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C530                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C531                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V     |
| C532                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C533                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C534                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C535                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C536                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C537                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V     |
| C538                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C539                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C540                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V     |
| C541                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C542                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V    |
| C543                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V        |
| C544                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C545                | 1-163-016-00 s | CERAMIC CHIP 0.0039MF 10% 50V  |
| C546                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V |
| C547                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V      |
| C548                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V  |
| C549                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C550                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V      |
| C551                | 1-163-016-00 s | CERAMIC, CHIP 0.0039uF 10% 50V |
| C552                | 1-163-020-00 s | CERAMIC, CHIP 0.0082uF 10% 50V |
| C553                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V  |
| C554                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| C555                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C556                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C557                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C558                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C559                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C560                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C561                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C562                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C563                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C564                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C565                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V   |
| C601                | 1-135-145-11 s | TANTALUM, CHIP 0.47uF 10% 35V   |
| C602                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C603                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |
| C604                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C605                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C606                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C607                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |
| C608                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |
| C609                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C610                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C611                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C612                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C613                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |
| C614                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C615                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C616                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C617                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C618                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C619                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C620                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C701                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C707                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C708                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C709                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C710                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C711                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C712                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C713                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C714                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C715                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C716                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C717                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C718                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |
| C719                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C720                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V         |
| C721                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C722                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C723                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C724                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V      |
| C725                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C726                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C727                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C728                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C729                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C730                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V   |
| C731                | 1-164-161-11 s | CERAMIC, CHIP 0.0022uF 10% 100V |
| C732                | 1-163-037-11 s | CERAMIC, CHIP 0.022uF 10% 25V   |
| C733                | 1-104-851-11 s | TANTALUM, CHIP 10uF 20% 10V     |

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|---------------------|--------------|-----------------------------------|
| C734                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C735                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C736                | 1-104-851-11 | s TANTALUM, CHIP 10uF 20% 10V     |
| C737                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C738                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C739                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C740                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C741                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C742                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| C743                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V         |
| CN1                 | 1-566-621-11 | o CONNECTOR, PS 34P, FEMALE       |
| CN116               | 1-778-262-11 | o CONNECTOR, BB 148P, MALE        |
| D101                | 8-719-027-95 | s DIODE HSM88WK                   |
| D102                | 8-719-041-39 | s DIODE KV1470                    |
| D601                | 8-719-041-39 | s DIODE KV1470                    |
| D602                | 8-719-027-95 | s DIODE HSM88WK                   |
| FL301               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL302               | 1-233-343-21 | s FILTER, LOW-PASS 22MHZ          |
| FL303               | 1-233-344-21 | s FILTER, LOW-PASS 22MHZ          |
| FL401               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL402               | 1-233-343-21 | s FILTER, LOW-PASS 22MHZ          |
| FL403               | 1-233-344-21 | s FILTER, LOW-PASS 22MHZ          |
| FL501               | 1-411-274-21 | s DELAY LINE 23ns                 |
| FL502               | 1-233-343-21 | s FILTER, LOW-PASS 22MHZ          |
| FL503               | 1-233-344-21 | s FILTER, LOW-PASS 22MHZ          |
| FL701               | 1-233-351-21 | s FILTER, BAND-PASS 465kHz        |
| FL702               | 1-233-350-21 | s FILTER, BAND-PASS 697kHz        |
| FL703               | 1-233-351-21 | s FILTER, BAND-PASS 465kHz        |
| FL704               | 1-233-350-21 | s FILTER, BAND-PASS 697kHz        |
| IC11                | 8-759-259-77 | s IC PQ20VZ5U                     |
| IC101               | 8-752-360-44 | s IC CXK1203AR                    |
| IC102               | 8-759-080-03 | s IC TC74VHC541FS(EL)             |
| IC103               | 8-759-167-20 | s IC UPD42280GU-30                |
| IC104               | 8-759-167-20 | s IC UPD42280GU-30                |
| IC105               | 8-752-380-06 | s IC CXD2189AR-T6                 |
| IC106               | 8-759-080-02 | s IC TC74VHC541FS(EL)             |
| IC107               | 8-759-080-02 | s IC TC74VHC541FS(EL)             |
| IC110               | 8-752-380-06 | s IC CXD2189AR-T6                 |
| IC114               | 8-759-079-53 | s IC TC74VHCT08FS(EL)             |
| IC115               | 8-759-079-52 | s IC TC74VHC08FS(EL)              |
| IC116               | 8-759-079-52 | s IC TC74VHC08FS(EL)              |
| IC117               | 8-759-080-02 | s IC TC74VHC541FS(EL)             |
| IC118               | 8-759-196-97 | s IC TC7SH32FU-TE85R              |
| IC201               | 8-759-079-52 | s IC TC74VHC08FS(EL)              |
| IC202               | 8-759-079-74 | s IC TC74VHC157FS(EL)             |
| IC203               | 8-759-079-62 | s IC TC74VHCT74FS(EL)             |
| IC204               | 8-759-012-02 | s IC MC10H124M                    |
| IC205               | 8-759-012-00 | s IC MC10H116M                    |
| IC206               | 8-759-066-59 | s IC TC74HC4053AFS                |
| IC207               | 8-759-066-61 | s IC TC4053BFS                    |
| IC208               | 8-759-453-98 | s IC CXD8668Q                     |
| IC209               | 8-759-268-95 | s IC SN74HCT00ANS-E05             |
| IC301               | 8-752-070-11 | s IC CXA1761R                     |
| IC302               | 8-752-070-12 | s IC CXA1762Q                     |
| IC303               | 8-752-371-18 | s IC CXD2302Q                     |
| IC304               | 8-759-927-46 | s IC SN74HC00ANS                  |
| IC401               | 8-752-070-11 | s IC CXA1761R                     |
| IC403               | 8-752-070-12 | s IC CXA1762Q                     |

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|---------------------|--------------|-------------------------|
| IC404               | 8-752-371-18 | s IC CXD2302Q           |
| IC450               | 8-759-196-97 | s IC TC7SH32FU-TE85R    |
| IC501               | 8-752-070-11 | s IC CXA1761R           |
| IC502               | 8-752-070-12 | s IC CXA1762Q           |
| IC503               | 8-752-371-18 | s IC CXD2302Q           |
| IC550               | 8-759-196-97 | s IC TC7SH32FU-TE85R    |
| IC601               | 8-752-380-06 | s IC CXD2189AR-T6       |
| IC602               | 8-752-380-06 | s IC CXD2189AR-T6       |
| IC603               | 8-759-080-02 | s IC TC74VHC541FS(EL)   |
| IC604               | 8-759-080-02 | s IC TC74VHC541FS(EL)   |
| IC605               | 8-759-080-02 | s IC TC74VHC541FS(EL)   |
| IC606               | 8-759-080-02 | s IC TC74VHC541FS(EL)   |
| IC607               | 8-759-459-41 | s IC TMS4C2973-26DTR    |
| IC608               | 8-759-459-41 | s IC TMS4C2973-26DTR    |
| IC701               | 8-759-469-25 | s IC AK6440AF-E2        |
| IC702               | 8-759-064-36 | s IC MB88346BPFV        |
| IC703               | 8-759-064-36 | s IC MB88346BPFV        |
| IC704               | 8-759-064-36 | s IC MB88346BPFV        |
| IC705               | 8-759-100-96 | s IC UPC4558G2          |
| IC706               | 8-759-300-71 | s IC HD14053BFP         |
| IC707               | 8-759-062-66 | s IC TC7S66F            |
| IC708               | 8-759-062-66 | s IC TC7S66F            |
| IC709               | 8-759-327-00 | s IC CXA8044Q-T4        |
| IC710               | 8-759-327-00 | s IC CXA8044Q-T4        |
| L101                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L102                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L103                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L104                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |
| L105                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L106                | 1-410-738-41 | s INDUCTOR, CHIP 0.56uH |
| L107                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L108                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L201                | 1-414-400-11 | s INDUCTOR, CHIP 22uH   |
| L202                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L203                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L204                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L205                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |
| L206                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |
| L207                | 1-410-369-11 | s INDUCTOR, CHIP 1uH    |
| L208                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L301                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L302                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L303                | 1-412-963-11 | s INDUCTOR, CHIP 100uH  |
| L305                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L306                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L307                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L308                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L309                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L401                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L402                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L403                | 1-412-963-11 | s INDUCTOR, CHIP 100uH  |
| L405                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L406                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L407                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L408                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L409                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L410                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L411                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |
| L501                | 1-414-398-11 | s INDUCTOR, CHIP 10uH   |

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|---------------------|----------------|-------------------------------|
| L502                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L503                | 1-412-963-11   | s INDUCTOR, CHIP 100uH        |
| L505                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L506                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L507                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L508                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L509                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L510                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L601                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L602                | 1-410-738-41   | s INDUCTOR, CHIP 0.56uH       |
| L603                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L604                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L605                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L701                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L702                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L703                | 1-414-398-11   | s INDUCTOR, CHIP 10uH         |
| L704                | 1-412-282-41   | s INDUCTOR, CHIP 470uH        |
| L705                | 1-412-282-41   | s INDUCTOR, CHIP 470uH        |
| PS11                | △ 1-533-282-21 | s LINK, IC, CHIP 2A           |
| PS13                | △ 1-576-124-11 | s LINK, IC, CHIP 1A           |
| PS14                | △ 1-576-124-11 | s LINK, IC, CHIP 1A           |
| PS15                | △ 1-576-124-11 | s LINK, IC, CHIP 1A           |
| Q201                | 8-729-900-53   | s TRANSISTOR DTC114EK         |
| Q202                | 8-729-216-22   | s TRANSISTOR 2SA1162          |
| Q206                | 8-729-907-46   | s TRANSISTOR IMZ1             |
| Q207                | 8-729-907-46   | s TRANSISTOR IMZ1             |
| Q208                | 8-729-140-47   | s TRANSISTOR 2SC3735-B34      |
| Q301                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q302                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q303                | 8-729-905-23   | s TRANSISTOR 2SA1576-R        |
| Q304                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q305                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q306                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q307                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q308                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q401                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q402                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q403                | 8-729-905-23   | s TRANSISTOR 2SA1576-R        |
| Q404                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q405                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q406                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q407                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q501                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q502                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q503                | 8-729-905-23   | s TRANSISTOR 2SA1576-R        |
| Q504                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q505                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q506                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q507                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q701                | 8-729-024-91   | s TRANSISTOR 2SC2712-GL-TE85L |
| Q702                | 8-729-900-53   | s TRANSISTOR DTC114EK         |
| Q703                | 8-729-900-53   | s TRANSISTOR DTC114EK         |
| Q704                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| Q705                | 8-729-905-35   | s TRANSISTOR 2SC4081-R        |
| R11                 | 1-216-655-11   | s METAL, CHIP 1.5k 0.5% 1/10W |
| R12                 | 1-216-650-11   | s METAL, CHIP 910 0.5% 1/10W  |
| R101                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R102                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |

(RP-101 BOARD; Suffix -11, 12)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R103                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R104                | 1-216-295-91 | s RES, CHIP 0               |
| R105                | 1-216-295-91 | s RES, CHIP 0               |
| R106                | 1-216-295-91 | s RES, CHIP 0               |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R110                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R111                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R112                | 1-216-295-91 | s RES, CHIP 0               |
| R113                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R114                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W  |
| R115                | 1-216-295-91 | s RES, CHIP 0               |
| R119                | 1-216-295-91 | s RES, CHIP 0               |
| R131                | 1-216-295-91 | s RES, CHIP 0               |
| R146                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R147                | 1-216-295-91 | s RES, CHIP 0               |
| R148                | 1-216-295-91 | s RES, CHIP 0               |
| R149                | 1-216-295-91 | s RES, CHIP 0               |
| R150                | 1-216-295-91 | s RES, CHIP 0               |
| R151                | 1-216-295-91 | s RES, CHIP 0               |
| R152                | 1-216-295-91 | s RES, CHIP 0               |
| R153                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R154                | 1-216-295-91 | s RES, CHIP 0               |
| R155                | 1-216-295-91 | s RES, CHIP 0               |
| R156                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R201                | 1-216-295-91 | s RES, CHIP 0               |
| R202                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R205                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R206                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R207                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R208                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R209                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R210                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R211                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R212                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R213                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R214                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R215                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R216                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R217                | 1-216-837-11 | s METAL, CHIP 22k 5% 1/16W  |
| R220                | 1-216-295-91 | s RES, CHIP 0               |
| R222                | 1-216-295-91 | s RES, CHIP 0               |
| R223                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R224                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R225                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R226                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R227                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R228                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |
| R229                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R230                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R231                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R232                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R233                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R234                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R235                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R237                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R238                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| R240                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R241                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W   |
| R242                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R243                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R244                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R245                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R246                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R247                | 1-216-295-91 s | RES, CHIP 0                |
| R301                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R302                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W    |
| R303                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W  |
| R304                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R305                | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W    |
| R306                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R307                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R308                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W   |
| R309                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R310                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R311                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R312                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R313                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R314                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R315                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |
| R316                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R318                | 1-216-295-91 s | RES, CHIP 0                |
| R319                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R320                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |
| R321                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R322                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R323                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R324                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R325                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R326                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| R327                | 1-216-636-11 s | METAL, CHIP 240 0.5% 1/10W |
| R328                | 1-216-295-91 s | RES, CHIP 0                |
| R329                | 1-216-636-11 s | METAL, CHIP 240 0.5% 1/10W |
| R330                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R331                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R332                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R333                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W   |
| R334                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W   |
| R335                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R336                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R337                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R338                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W |
| R339                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W   |
| R340                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R341                | 1-216-295-91 s | RES, CHIP 0                |
| R342                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R343                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R344                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R345                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| R347                | 1-216-295-91 s | RES, CHIP 0                |
| R401                | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W    |
| R402                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R403                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W    |
| R404                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W  |
| R405                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R406                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| R407                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R408                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R409                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W   |
| R410                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R411                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R412                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R413                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R414                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R415                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |
| R416                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R418                | 1-216-295-91 s | RES, CHIP 0                |
| R419                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R420                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |
| R421                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R422                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R423                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R424                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R425                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R426                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| R427                | 1-216-636-11 s | METAL, CHIP 240 0.5% 1/10W |
| R428                | 1-216-295-91 s | RES, CHIP 0                |
| R429                | 1-216-636-11 s | METAL, CHIP 240 0.5% 1/10W |
| R430                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R431                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R432                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R433                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W   |
| R434                | 1-216-101-00 s | METAL, CHIP 150k 5% 1/10W  |
| R435                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R436                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R437                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R438                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W |
| R439                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W   |
| R440                | 1-216-683-11 s | METAL, CHIP 22k 0.5% 1/10W |
| R441                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R442                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R446                | 1-216-295-91 s | RES, CHIP 0                |
| R447                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| R449                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R450                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W   |
| R501                | 1-216-295-91 s | RES, CHIP 0                |
| R502                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R503                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W    |
| R504                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W  |
| R505                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R506                | 1-216-021-00 s | METAL, CHIP 68 5% 1/10W    |
| R507                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R508                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R509                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W   |
| R510                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R511                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R512                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R513                | 1-216-039-00 s | METAL, CHIP 390 5% 1/10W   |
| R514                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R515                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W |
| R516                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |
| R517                | 1-216-042-00 s | METAL, CHIP 510 5% 1/10W   |
| R519                | 1-216-295-91 s | RES, CHIP 0                |
| R520                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W   |
| R521                | 1-216-075-00 s | METAL, CHIP 12k 5% 1/10W   |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R522                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R523                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R524                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R525                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R526                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R527                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R528                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |
| R529                | 1-216-295-91 | s RES, CHIP 0                |
| R530                | 1-216-636-11 | s METAL, CHIP 240 0.5% 1/10W |
| R531                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R532                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R533                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R534                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |
| R535                | 1-216-101-00 | s METAL, CHIP 150k 5% 1/10W  |
| R536                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R537                | 1-216-295-91 | s RES, CHIP 0                |
| R538                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R539                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R540                | 1-216-682-11 | s METAL, CHIP 20k 0.5% 1/10W |
| R541                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W   |
| R542                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R544                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R545                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W   |
| R548                | 1-216-295-91 | s RES, CHIP 0                |
| R549                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R551                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R552                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W   |
| R601                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R602                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W   |
| R603                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R604                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R605                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R606                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |
| R608                | 1-216-295-91 | s RES, CHIP 0                |
| R609                | 1-216-295-91 | s RES, CHIP 0                |
| R610                | 1-216-295-91 | s RES, CHIP 0                |
| R701                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R702                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R703                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R704                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R705                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R706                | 1-216-295-91 | s RES, CHIP 0                |
| R707                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W |
| R708                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R709                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R710                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R711                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R712                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R713                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R714                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R715                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R718                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R719                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R720                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W  |
| R721                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |
| R722                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W  |
| R723                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W   |
| R724                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R725                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R726                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R727                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R728                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R729                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R730                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R731                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R732                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R733                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R734                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R735                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W     |
| R736                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R737                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R738                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W     |
| R739                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W     |
| R740                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R741                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R742                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R743                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R744                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R745                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R746                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R747                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R748                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R749                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R790                | 1-216-295-91 | s RES, CHIP 0                  |
| RB101               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB103               | 1-236-908-11 | s RESISTOR BLOCK, CHIP 10k x 4 |
| RB104               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB105               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB201               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB202               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB203               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB601               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB602               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB603               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB604               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB605               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB606               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB607               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB701               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB702               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4 |

## SDI-26 BOARD

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10430 (For DSR-80 J)  
Serial number; 10001 through 10470 (For DSR-80 UC)  
Serial number; 10001 through 10320 (For DSR-80P CE)  
\*2) Serial number; 10431 and higher (For DSR-80 J)  
Serial number; 10471 and higher (For DSR-80 UC)  
Serial number; 10321 and higher (For DSR-80P CE)  
Serial number; 10001 and higher (For DSR-80P UC)

1pc A-8315-281-A s MOUNTED CIRCUIT BOARD, SDI-26  
1pc 7-621-759-45 s +PSW, 2.6x6  
1pc 3-179-084-01 s LEVER (R), PRINTED CIRCUIT BOARD  
1pc 3-179-085-01 s LEVER (L), PRINTED CIRCUIT BOARD  
2pcs 3-189-543-03 o IC HEAT SINK (A)

2pcs 3-189-544-04 o IC HEAT SINK (B)  
2pcs 7-621-770-87 s SCREW +B 2.6x5

C100 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C101 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C102 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C103 1-126-925-11 s ELECT 470uF 20% 10V  
C104 1-126-925-11 s ELECT 470uF 20% 10V  
  
C105 1-126-925-11 s ELECT 470uF 20% 10V  
C106 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C107 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C108 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C109 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
  
C110 1-126-925-11 s ELECT 470uF 20% 10V  
C111 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
C112 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
C113 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C114 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C115 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)  
1-126-157-11 s ELECT 10uF 20% 16V \*2)  
C116 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)  
1-126-157-11 s ELECT 10uF 20% 16V \*2)

C117 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C118 1-163-021-91 s CERAMIC, CHIP 0.01uF 10% 50V  
C119 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C120 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C121 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C122 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C123 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C124 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C125 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C126 1-126-934-11 s ELECT 220uF 20% 16V

C127 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C128 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C129 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C130 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C131 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C132 1-126-934-11 s ELECT 220uF 20% 16V  
C133 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C134 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C135 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C136 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

## (SDI-26 BOARD)

Ref. No.  
or Q'ty Part No. SP Description

C137 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C138 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C139 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C208 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C209 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C210 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C211 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C212 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C213 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C214 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C217 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)

1-126-157-11 s ELECT 10uF 20% 16V \*2)

C218 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)

1-126-157-11 s ELECT 10uF 20% 16V \*2)

C221 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C222 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C225 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C226 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C229 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C230 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C233 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C234 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C235 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C236 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C237 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C238 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C239 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C240 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C241 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C242 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C243 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C244 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C247 1-163-259-91 s CERAMIC, CHIP 220pF 5% 50V  
C300 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

C301 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)

1-126-157-11 s ELECT 10uF 20% 16V \*2)

C302 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C303 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C304 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C305 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C306 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C307 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C308 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C309 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C310 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C406 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C408 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C409 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C410 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C411 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C412 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V

C413 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V  
C416 1-126-394-11 s ELECT, CHIP 10uF 20% 16V \*1)

1-126-157-11 s ELECT 10uF 20% 16V \*2)

## (SDI-26 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| C417                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V   |
|                     | 1-126-157-11 s | ELECT 10uF 20% 16V         |
| C420                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C421                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C424                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C425                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C428                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C429                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C433                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C434                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C436                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C437                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C438                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C439                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C440                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C441                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C442                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C443                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C444                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C500                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C501                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C502                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C503                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C504                | 1-126-934-11 s | ELECT 220uF 20% 16V        |
| C505                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C507                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C508                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C509                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C510                | 1-163-121-00 s | CERAMIC, CHIP 150pF 5% 50V |
| C511                | 1-126-934-11 s | ELECT 220uF 20% 16V        |
| C512                | 1-126-394-11 s | ELECT, CHIP 10uF 20% 16V   |
|                     | 1-126-157-11 s | ELECT 10uF 20% 16V         |
| C513                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C514                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C515                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C516                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C517                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C518                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C519                | 1-126-934-11 s | ELECT 220uF 20% 16V        |
| C520                | 1-126-934-11 s | ELECT 220uF 20% 16V        |
| C521                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C522                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C601                | 1-104-664-11 s | ELECT 47uF 20% 25V         |
| C602                | 1-104-664-11 s | ELECT 47uF 20% 25V         |
| C603                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C604                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C605                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C606                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C607                | 1-104-664-11 s | ELECT 47uF 20% 25V         |
| C608                | 1-104-664-11 s | ELECT 47uF 20% 25V         |
| C609                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C610                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C611                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C612                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C613                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C614                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |
| C615                | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V    |

## (SDI-26 BOARD)

| Ref. No.<br>or Q'ty | Part No. | SP Description                              |
|---------------------|----------|---|
| *1)                 | C616     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C617     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
| *2)                 | C618     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C619     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  |
|                     | C620     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  |
|                     | C623     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C624     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C625     | 1-104-664-11 s ELECT 47uF 20% 25V           |
|                     | C626     | 1-104-664-11 s ELECT 47uF 20% 25V           |
|                     | C628     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C631     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C632     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C633     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C635     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | C645     | 1-163-038-91 s CERAMIC, CHIP 0.1uF 25V      |
|                     | CN100    | 1-750-880-11 s CONNECTOR, MINI-COAX, FEMALE |
|                     | CN500    | 1-750-880-11 s CONNECTOR, MINI-COAX, FEMALE |
|                     | D100     | 8-719-404-35 s DIODE MA141WK                |
|                     | D101     | 8-719-987-43 s LED CL-150PG-CD, GRN         |
|                     | D102     | 8-719-404-35 s DIODE MA141WK                |
|                     | D103     | 8-719-989-22 s LED CL-150R-CD, RED          |
|                     | D500     | 8-719-404-35 s DIODE MA141WK                |
|                     | D501     | 8-719-989-22 s LED CL-150R-CD, RED          |
|                     | D502     | 8-719-404-35 s DIODE MA141WK                |
|                     | D601     | 8-719-404-35 s DIODE MA141WK                |
|                     | D602     | 8-719-024-81 s DIODE 1SS300-TE85L           |
|                     | D603     | 8-719-404-35 s DIODE MA141WK                |
|                     | D604     | 8-719-024-81 s DIODE 1SS300-TE85L           |
|                     | D605     | 8-719-404-35 s DIODE MA141WK                |
|                     | D606     | 8-719-404-35 s DIODE MA141WK                |
|                     | D607     | 8-719-024-81 s DIODE 1SS300-TE85L           |
|                     | D608     | 8-719-024-81 s DIODE 1SS300-TE85L           |
| *1)                 | E100     | 1-535-881-21 o TERMINAL, TP                 |
| *2)                 | E200     | 1-535-881-21 o TERMINAL, TP                 |
|                     | E300     | 1-535-881-21 o TERMINAL, TP                 |
|                     | E400     | 1-535-881-21 o TERMINAL, TP                 |
|                     | E500     | 1-535-881-21 o TERMINAL, TP                 |
|                     | E601     | 1-535-881-21 o TERMINAL, TP                 |
|                     | FB100    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB101    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB102    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB500    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB501    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB502    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FB503    | 1-543-813-21 s CHOKE, NOISE, CHIP           |
|                     | FL200    | 1-233-674-21 s FILTER BLOCK, NOISE, CHIP    |
|                     | FL201    | 1-233-674-21 s FILTER BLOCK, NOISE, CHIP    |
|                     | FL202    | 1-233-674-21 s FILTER BLOCK, NOISE, CHIP    |
|                     | FL203    | 1-233-314-11 s FILTER, NOISE, CHIP          |
|                     | IC100    | 8-741-602-21 s IC SBX1602A                  |
|                     | IC101    | 8-759-209-57 s IC TC4S69F                   |
|                     | IC102    | 8-759-436-92 s IC MC10125P                  |
|                     | IC103    | 8-759-436-92 s IC MC10125P                  |
|                     | IC104    | 8-759-436-92 s IC MC10125P                  |
|                     | IC106    | 8-759-186-51 s IC TC74VHC157FS(EL)          |
|                     | IC107    | 8-759-510-71 s IC UPC358G2-E2               |
|                     | IC110    | 8-759-324-03 s IC HA17431UA-TL              |

(SDI-26 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| IC201               | 8-759-328-28 s | IC ZA4024            |
| IC202               | 8-759-328-28 s | IC ZA4024            |
| IC207               | 8-759-186-63 s | IC TC74VHC245F(EL)   |
| IC208               | 8-759-393-38 s | IC SN74LVC245ANS-E20 |
| IC209               | 8-759-186-38 s | IC TC74VHC32F(EL)    |
| IC211               | 8-759-392-77 s | IC SN74LVC245APW-E20 |
|                     | 8-759-393-38 s | IC SN74LVC245ANS-E20 |
| IC212               | 8-759-392-77 s | IC SN74LVC245APW-E20 |
|                     | 8-759-393-38 s | IC SN74LVC245ANS-E20 |
| IC251               | 8-759-186-44 s | IC TC74VHC125F       |
| IC300               | 8-759-483-67 s | IC UPD78011FCW-026   |
| IC301               | 8-759-927-12 s | IC SN74HCT244ANS     |
| IC302               | 8-759-186-49 s | IC TC74VHC139F(EL)   |
| IC303               | 8-759-926-80 s | IC SN74HC573NS       |
| IC304               | 8-759-233-75 s | IC TC74HCT245AF      |
| IC305               | 8-759-926-49 s | IC SN74HC245ANS      |
| IC306               | 8-759-926-77 s | IC SN74HC541ANS      |
| IC307               | 8-759-081-42 s | IC TC74VHC00F        |
| IC308               | 8-759-393-38 s | IC SN74LVC245ANS-E20 |
| IC401               | 8-759-328-28 s | IC ZA4024            |
| IC402               | 8-759-328-28 s | IC ZA4024            |
| IC407               | 8-759-186-63 s | IC TC74VHC245F(EL)   |
| IC408               | 8-759-186-63 s | IC TC74VHC245F(EL)   |
| IC409               | 8-759-079-87 s | IC TC74VHC245FS(EL)  |
|                     | 8-759-186-63 s | IC TC74VHC245F(EL)   |
| IC410               | 8-759-079-87 s | IC TC74VHC245FS(EL)  |
|                     | 8-759-186-63 s | IC TC74VHC245F(EL)   |
| IC500               | 8-741-601-11 s | IC SBX1601A          |
| IC502               | 8-759-324-03 s | IC HA17431UA-TL      |
| IC503               | 8-759-510-71 s | IC UPC358G2-E2       |
| IC601               | 8-759-479-32 s | IC SN75C1168NS-E05   |
| IC602               | 8-759-926-12 s | IC SN74HC139ANS      |
| IC603               | 8-759-062-88 s | IC CXD8277Q          |
| IC604               | 8-759-062-88 s | IC CXD8277Q          |
| IC606               | 8-759-180-84 s | IC TC7W74F           |
| IC607               | 8-759-069-38 s | IC CXD8278AQ         |
| IC608               | 8-759-069-38 s | IC CXD8278AQ         |
| IC609               | 8-759-295-09 s | IC TLC2932IPW-E20    |
| IC610               | 8-759-295-09 s | IC TLC2932IPW-E20    |
| IC611               | 8-759-186-77 s | IC TC74VHC541F       |
| IC612               | 8-759-186-77 s | IC TC74VHC541F       |
| IC615               | 8-759-269-09 s | IC SN74HCT04ANS      |
| IC630               | 8-759-186-02 s | IC TC74VHCT245F(EL)  |
| L100                | 1-412-527-11 s | INDUCTOR 15uH        |
| L101                | 1-412-533-21 s | INDUCTOR 47uH        |
| L102                | 1-412-533-21 s | INDUCTOR 47uH        |
| L103                | 1-410-470-11 s | INDUCTOR 10uH        |
| L200                | 1-410-470-11 s | INDUCTOR 10uH        |
| L201                | 1-410-470-11 s | INDUCTOR 10uH        |
| L400                | 1-410-470-11 s | INDUCTOR 10uH        |
| L401                | 1-410-470-11 s | INDUCTOR 10uH        |
| L500                | 1-414-102-11 s | INDUCTOR 0.22uH      |
| L601                | 1-410-470-11 s | INDUCTOR 10uH        |

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| Ref. No.<br>or Q'ty | Part No.         | SP Description             |
|---------------------|------------------|----------------------------|
| L602                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L603                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L604                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L605                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L606                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L607                | 1-410-470-11 s   | INDUCTOR 10uH              |
| L608                | 1-410-470-11 s   | INDUCTOR 10uH              |
| PS100               | Δ 1-532-686-21 s | LINK, IC 2.7A              |
| PS101               | Δ 1-532-984-11 s | LINK, IC 2A                |
| PS102               | Δ 1-532-984-11 s | LINK, IC 2A                |
| Q100                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q101                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q102                | 8-729-029-14 s   | TRANSISTOR DTC144EUA-T106  |
| Q500                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q501                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q502                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q503                | 8-729-105-68 s   | TRANSISTOR 2SC3356-K       |
| Q504                | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106  |
| Q506                | 8-729-028-91 s   | TRANSISTOR DTA144EUA-T106  |
| R100                | 1-216-623-11 s   | METAL, CHIP 68 0.5% 1/10W  |
| R101                | 1-216-635-11 s   | METAL, CHIP 220 0.5% 1/10W |
| R102                | 1-216-611-11 s   | METAL, CHIP 22 0.5% 1/10W  |
| R103                | 1-216-624-11 s   | METAL, CHIP 75 0.5% 1/10W  |
| R104                | 1-216-631-11 s   | METAL, CHIP 150 0.5% 1/10W |
| R105                | 1-216-075-00 s   | METAL, CHIP 12k 5% 1/10W   |
| R106                | 1-216-295-91 s   | RES, CHIP 0                |
| R107                | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W   |
| R108                | 1-216-075-00 s   | METAL, CHIP 12k 5% 1/10W   |
| R109                | 1-216-022-00 s   | METAL, CHIP 75 5% 1/10W    |
| R110                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R111                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R112                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R113                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R114                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R115                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R116                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R117                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R118                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R119                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R120                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W  |
| R121                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R122                | 1-216-059-00 s   | METAL, CHIP 2.7k 5% 1/10W  |
| R123                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W    |
| R124                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R125                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R126                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R127                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R128                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R129                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R130                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R131                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R132                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R133                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R134                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R135                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W   |
| R136                | 1-216-071-00 s   | METAL, CHIP 8.2k 5% 1/10W  |
| R137                | 1-216-295-91 s   | RES, CHIP 0                |
| R138                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W   |

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## (SDI-26 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R139                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R140                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R141                | 1-216-295-91 | s RES, CHIP 0                 |
| R142                | 1-216-295-91 | s RES, CHIP 0                 |
| R143                | 1-216-295-91 | s RES, CHIP 0                 |
| R146                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R147                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R149                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R151                | 1-216-295-91 | s RES, CHIP 0 5% 1/10W        |
| R152                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R154                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R155                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R156                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R157                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R158                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R159                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R160                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R161                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R162                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R164                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R165                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R166                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R167                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R168                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R169                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R170                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R206                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R207                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R208                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R209                | 1-216-295-91 | s RES, CHIP 0                 |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R211                | 1-216-295-91 | s RES, CHIP 0                 |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R213                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R215                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R217                | 1-216-295-91 | s RES, CHIP 0                 |
| R219                | 1-216-295-91 | s RES, CHIP 0                 |
| R220                | 1-216-295-91 | s RES, CHIP 0                 |
| R221                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R223                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R224                | 1-216-295-91 | s RES, CHIP 0                 |
| R227                | 1-216-295-91 | s RES, CHIP 0                 |
| R228                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R229                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R230                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R234                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R235                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R236                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R251                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R300                | 1-216-295-91 | s RES, CHIP 0                 |
| R301                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R302                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R303                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R306                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R307                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R308                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R310                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R311                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R312                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R313                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R314                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R315                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R316                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R318                | 1-216-295-91 | s RES, CHIP 0               |
| R319                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R320                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R322                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R326                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R329                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R331                | 1-216-295-91 | s RES, CHIP 0               |
| R406                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R407                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R408                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R409                | 1-216-295-91 | s RES, CHIP 0               |
| R410                | 1-216-295-91 | s RES, CHIP 0               |
| R411                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R412                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R413                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R414                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R417                | 1-216-295-91 | s RES, CHIP 0               |
| R418                | 1-216-295-91 | s RES, CHIP 0               |
| R419                | 1-216-295-91 | s RES, CHIP 0               |
| R420                | 1-216-295-91 | s RES, CHIP 0               |
| R427                | 1-216-295-91 | s RES, CHIP 0               |
| R428                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R431                | 1-216-295-91 | s RES, CHIP 0               |
| R437                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R438                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R439                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |
| R440                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |
| R441                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |
| R442                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W   |
| R443                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R444                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R445                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R446                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R447                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R448                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R449                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R450                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R451                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R500                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |
| R501                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R502                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |
| R503                | 1-216-295-91 | s RES, CHIP 0               |
| R504                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |
| R505                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W |
| R506                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |
| R508                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W |
| R509                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W |
| R510                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R511                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R512                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R513                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R514                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R515                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R516                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R517                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R518                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R519                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R520                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R521                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R522                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R523                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R524                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R525                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R526                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R527                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R528                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R529                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R530                | 1-216-295-91 | s RES, CHIP 0                 |
| R531                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R532                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R533                | 1-216-295-91 | s RES, CHIP 0                 |
| R534                | 1-216-295-91 | s RES, CHIP 0                 |
| R535                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R536                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R537                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R538                | 1-216-295-91 | s RES, CHIP 0                 |
| R539                | 1-216-295-91 | s RES, CHIP 0                 |
| R542                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R543                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R545                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R546                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R548                | 1-216-295-91 | s RES, CHIP 0                 |
| R549                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W  |
| R550                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R560                | 1-216-295-91 | s RES, CHIP 0                 |
| R562                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R563                | 1-216-295-91 | s RES, CHIP 0                 |
| R564                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R601                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R603                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R604                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R605                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R606                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R610                | 1-216-295-91 | s RES, CHIP 0                 |
| R611                | 1-216-295-91 | s RES, CHIP 0                 |
| R612                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R613                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W    |
| R616                | 1-216-295-91 | s RES, CHIP 0                 |
| R617                | 1-216-295-91 | s RES, CHIP 0                 |
| R618                | 1-216-295-91 | s RES, CHIP 0                 |
| R621                | 1-216-295-91 | s RES, CHIP 0                 |
| R622                | 1-216-295-91 | s RES, CHIP 0                 |
| R623                | 1-216-295-91 | s RES, CHIP 0                 |
| R624                | 1-216-295-91 | s RES, CHIP 0                 |
| R625                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R626                | 1-216-679-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R627                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |

## (SDI-26 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R628                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W   |
| R629                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W  |
| R630                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W   |
| R631                | 1-216-295-91 | s RES, CHIP 0                  |
| R636                | 1-216-295-91 | s RES, CHIP 0                  |
| R641                | 1-216-295-91 | s RES, CHIP 0                  |
| R642                | 1-216-295-91 | s RES, CHIP 0                  |
| R643                | 1-216-295-91 | s RES, CHIP 0                  |
| R644                | 1-216-295-91 | s RES, CHIP 0                  |
| R645                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R646                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R647                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R648                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R649                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R650                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W      |
| R651                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| RB101               | 1-239-409-11 | s RESISTOR BLOCK, CHIP 47 x 4  |
| RB102               | 1-239-409-11 | s RESISTOR BLOCK, CHIP 47 x 4  |
| RB200               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB300               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RB301               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RB302               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10k x 8 |
| RB601               | 1-233-448-11 | s RESISTOR BLOCK, CHIP 22 x 4  |
| RB602               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB603               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV100               | 1-237-034-11 | s RES, ADJ, METAL 2k           |
| RV500               | 1-237-034-11 | s RES, ADJ, METAL 2k           |
| S301                | 1-554-843-11 | s SWITCH, SLIDE                |
| X300                | 1-579-175-11 | s RESONATOR, CERAMIC 10.00MHz  |



## SDI-27 BOARD(DSBK-120/120P)

Ref. No.  
or Q'ty Part No. SP Description

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 11280 (For DSBK-120 J)  
Serial number; 10001 through 11380 (For DSBK-120 UC)  
Serial number; 10001 through 10710 (For DSBK-120P CE)  
\*2) Serial number; 11631 and higher (For DSBK-120 J)  
Serial number; 11381 and higher (For DSBK-120 UC)  
Serial number; 11431 and higher (For DSBK-120P CE)

|      |              |                                 |
|------|--------------|---------------------------------|
| 1pc  | A-8277-890-A | o MOUNTED CIRCUIT BOARD, SDI-27 |
| 2pcs | 7-621-759-45 | s +PSW, 2.6x6                   |
| 1pc  | 3-189-543-03 | o IC HEAT SINK (A)              |
| 1pc  | 3-189-544-04 | o IC HEAT SINK (B)              |
| 1pc  | 7-621-770-87 | s SCREW +B 2.6x5                |
| 2pcs | 7-623-422-07 | s LW 3, TYPE B                  |
| C101 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C102 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C103 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C104 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C105 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C106 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C107 | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V     |
| C108 | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C109 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C111 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C112 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C113 | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C114 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C115 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C116 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C117 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C118 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C119 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C120 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C121 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C122 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C123 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C124 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C125 | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C126 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C127 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C128 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C129 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C130 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C131 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C132 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C133 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C134 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C135 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C136 | 1-126-925-11 | s ELECT 470uF 20% 10V           |
| C137 | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C138 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C201 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202 | 1-163-021-91 | s CERAMIC 0.01uF 10% 50V        |
| C203 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C204 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C205 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C206 | 1-126-925-11 | s ELECT 470uF 20% 10V           |
| C207 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

## (SDI-27 BOARD(DSBK-120/120P))

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                |
|-------|--------------|--------------------------------|
| C208  | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V    |
| C209  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C210  | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C301  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C302  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C303  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C304  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C305  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C306  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C307  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C308  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C309  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C310  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C311  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C312  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C313  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C314  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C315  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C316  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C317  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C318  | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C319  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C320  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C321  | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C322  | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V    |
| CN27  | 1-774-376-11 | s CONNECTOR, BB 68P            |
| CN101 | 1-750-880-11 | s CONNECTOR, MINI-COAX, FEMALE |
| CN102 | 1-750-880-11 | s CONNECTOR, MINI-COAX, FEMALE |
| D101  | 8-719-404-35 | s DIODE MA141WK                |
| D102  | 8-719-987-43 | s LED CL-150PG-CD, GRN         |
| D103  | 8-719-404-35 | s DIODE MA141WK                |
| D201  | 8-719-987-43 | s DIODE CL-150PG-CD            |
| D204  | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D301  | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D302  | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D303  | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D304  | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D305  | 8-719-987-43 | s LED CL-150PG-CD, GRN         |
| D306  | 8-719-987-43 | s LED CL-150PG-CD, GRN         |
| D307  | 8-719-987-43 | s LED CL-150PG-CD, GRN         |
| D308  | 8-719-987-43 | s LED CL-150PG-CD, GRN         |
| E101  | 1-535-881-21 | o TERMINAL, TP                 |
| E301  | 1-535-881-21 | o TERMINAL, TP                 |
| FB101 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB102 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB104 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB105 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB106 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB107 | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| IC101 | 8-741-602-21 | s IC SBX1602A                  |
| IC102 | 8-759-209-57 | s IC TC4S69F                   |
| IC103 | 8-759-436-92 | s IC MC10125P                  |
| IC104 | 8-759-436-92 | s IC MC10125P                  |
| IC105 | 8-759-436-92 | s IC MC10125P                  |
| IC106 | 8-759-324-03 | s IC HA17431UA-TL              |
| IC107 | 8-759-510-71 | s IC UPC358G2-E2               |
| IC108 | 8-759-186-84 | s IC TC74VHC86F(EL)            |

(SDI-27 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| IC201               | 8-759-058-64 | s IC TC7S32FU(TE85R)         |
| IC202               | 8-759-172-72 | s IC CXD8386AQ               |
| IC203               | 8-759-925-74 | s IC SN74HC04ANS             |
| IC205               | 8-759-186-77 | s IC TC74VHC541F             |
| IC206               | 8-759-186-77 | s IC TC74VHC541F             |
| IC301               | 8-759-926-49 | s IC SN74HC245ANS            |
| IC302               | 8-759-926-77 | s IC SN74HC541ANS            |
| IC303               | 8-759-272-21 | s IC TC74VHCT541F            |
| IC304               | 8-759-175-27 | s IC TC74VHC574F             |
| IC305               | 8-759-186-77 | s IC TC74VHC541F             |
| IC306               | 8-759-186-38 | s IC TC74VHC32F(EL)          |
| IC307               | 8-759-186-49 | s IC TC74VHC139F(EL)         |
| IC308               | 8-759-925-74 | s IC SN74HC04ANS             |
| IC309               | 8-759-289-69 | s IC CXD8280AQ               |
| IC310               | 8-759-926-49 | s IC SN74HC245ANS            |
| IC311               | 8-759-925-82 | s IC SN74HC21ANS             |
| IC312               | 8-759-239-55 | s IC TC74HC123AF             |
| IC313               | 8-759-239-55 | s IC TC74HC123AF             |
| IC314               | 8-759-925-76 | s IC SN74HC08NS              |
| IC315               | 8-759-186-63 | s IC TC74VHC245F(EL)         |
| IC316               | 8-759-186-77 | s IC TC74VHC541F             |
| IC317               | 8-759-186-30 | s IC TC74VHC14F(EL)          |
| L201                | 1-412-533-21 | s INDUCTOR 47uH              |
| L202                | 1-412-533-21 | s INDUCTOR 47uH              |
| L203                | 1-412-533-21 | s INDUCTOR 47uH              |
| Q102                | 8-729-105-68 | s TRANSISTOR 2SC3356-K       |
| Q103                | 8-729-105-68 | s TRANSISTOR 2SC3356-K       |
| Q104                | 8-729-105-68 | s TRANSISTOR 2SC3356-K       |
| Q105                | 8-729-105-68 | s TRANSISTOR 2SC3356-K       |
| Q106                | 8-729-105-68 | s TRANSISTOR 2SC3356-K       |
| Q201                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106  |
| R101                | 1-216-295-91 | s RES, CHIP 0                |
| R102                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W   |
| R103                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W  |
| R104                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R105                | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W  |
| R106                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W  |
| R107                | 1-216-631-11 | s METAL, CHIP 150 0.5% 1/10W |
| R108                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W  |
| R109                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R110                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R111                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R112                | 1-216-059-00 | s METAL, CHIP 2.7k 5% 1/10W  |
| R113                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W  |
| R114                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R116                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R117                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R118                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |
| R119                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |
| R120                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |
| R121                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R122                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R123                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R124                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R125                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |
| R126                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W   |

(SDI-27 BOARD(DSEK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R127                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R128                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R129                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R130                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R131                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R132                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R133                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R134                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R135                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R136                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R137                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R138                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R139                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R140                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R141                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R142                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R143                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W   |
| R144                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R145                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W    |
| R146                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R147                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R148                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R149                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W   |
| R150                | 1-216-613-11 | s METAL, CHIP 27 0.5% 1/10W   |
| R151                | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W  |
| R152                | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W  |
| R153                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R154                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R155                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R156                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R157                | 1-216-295-91 | s RES, CHIP 0                 |
| R158                | 1-216-295-91 | s RES, CHIP 0                 |
| R161                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R162                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R163                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R165                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R167                | 1-216-295-91 | s RES, CHIP 0                 |
| R168                | 1-216-295-91 | s RES, CHIP 0                 |
| R169                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R171                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R172                | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  |
| R173                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R174                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R176                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R177                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R178                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R179                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R180                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R181                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R182                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R183                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R184                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R185                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R186                | 1-216-021-00 | s METAL, CHIP 68 5% 1/10W     |
| R188                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R203                | 1-216-295-91 | s RES, CHIP 0                 |
| R204                | 1-216-295-91 | s RES, CHIP 0                 |

## (SDI-27 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R205                | 1-216-295-91 | s RES, CHIP 0                  |
| R206                | 1-216-295-91 | s RES, CHIP 0                  |
| R207                | 1-216-295-91 | s RES, CHIP 0                  |
| R208                | 1-216-295-91 | s RES, CHIP 0                  |
| R210                | 1-216-295-91 | s RES, CHIP 0                  |
| R212                | 1-216-295-91 | s RES, CHIP 0                  |
| R214                | 1-216-295-91 | s RES, CHIP 0                  |
| R215                | 1-216-295-91 | s RES, CHIP 0                  |
| R217                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R223                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R227                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R228                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W      |
| R229                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W      |
| R230                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R233                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W      |
| R234                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W    |
| R302                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R303                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W    |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R305                | 1-216-295-91 | s RES, CHIP 0                  |
| R306                | 1-216-295-91 | s RES, CHIP 0                  |
| R307                | 1-216-295-91 | s RES, CHIP 0                  |
| R308                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W    |
| R309                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W    |
| R310                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W    |
| R311                | 1-216-115-00 | s METAL, CHIP 560k 5% 1/10W    |
| R312                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R313                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R314                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R315                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R316                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R317                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R318                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R319                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R321                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R322                | 1-249-441-11 | s CARBON 100k 5% 1/4W          |
| RB201               | 1-233-448-11 | s RESISTOR BLOCK, CHIP 22 x 4  |
| RB202               | 1-233-448-11 | s RESISTOR BLOCK, CHIP 22 x 4  |
| RB203               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB301               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB302               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB303               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB304               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB305               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB306               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RV101               | 1-241-262-11 | s RES, ADJ, METAL 2k           |

## SDI-28 BOARD(DSBK-120/120P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8277-892-A | o MOUNTED CIRCUIT BOARD, SDI-28 |
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6                   |
| 1pc                 | 3-189-543-03 | o IC HEAT SINK (A)              |
| 1pc                 | 3-189-544-04 | o IC HEAT SINK (B)              |
| 1pc                 | 7-621-770-87 | s SCREW +B 2.6x5                |
| 2pcs                | 7-623-422-07 | s LW 3, TYPE B                  |
| C101                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C102                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C103                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C104                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C106                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C107                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C108                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C109                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C110                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C111                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C112                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C113                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C114                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C115                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C116                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C117                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C118                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C119                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C120                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C121                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C122                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C123                | 1-126-391-11 | s ELECT, CHIP 47uF 20% 6.3V     |
| C124                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C125                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C126                | 1-126-925-11 | s ELECT 470uF 20% 10V           |
| C127                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C128                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C129                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C130                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C201                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C202                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C203                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C204                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C205                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C206                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C207                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C208                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V      |
| C210                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C211                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C212                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C213                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C214                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C215                | 1-126-925-11 | s ELECT 470uF 20% 10V           |
| C216                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C217                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C218                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C219                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C220                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C221                | 1-126-392-11 | s ELECT, CHIP 100uF 20% 6.3V    |
| C222                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C223                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C301                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |

(SDI-28 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C302                | 1-126-394-11 | s ELECT, CHIP 10uF 20% 16V     |
| C303                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C304                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| CN28                | 1-774-376-11 | s CONNECTOR, BB 68P            |
| CN201               | 1-750-880-11 | s CONNECTOR, MINI-COAX, FEMALE |
| CN202               | 1-750-880-11 | s CONNECTOR, MINI-COAX, FEMALE |
| CNI301              | 1-526-950-11 | o SOCKET, IC 64P               |
| D101                | 8-719-820-41 | s DIODE 1SS302                 |
| D201                | 8-719-404-35 | s DIODE MA141WK                |
| D202                | 8-719-989-22 | s LED CL-150R-CD, RED          |
| D203                | 8-719-404-35 | s DIODE MA141WK                |
| E201                | 1-535-881-21 | o TERMINAL, TP                 |
| E301                | 1-535-881-21 | o TERMINAL, TP                 |
| FB201               | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB202               | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB203               | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB204               | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| FB205               | 1-543-813-21 | s CHOKE, NOISE, CHIP           |
| IC101               | 8-759-272-21 | s IC TC74VHCT541F              |
| IC102               | 8-759-272-21 | s IC TC74VHCT541F              |
| IC103               | 8-759-081-44 | s IC TC74VHC04F                |
| IC104               | 8-759-186-53 | s IC TC74VHC163F(EL)           |
| IC105               | 8-759-186-53 | s IC TC74VHC163F(EL)           |
| IC106               | 8-759-186-30 | s IC TC74VHC14F(EL)            |
| IC107               | 8-759-186-53 | s IC TC74VHC163F(EL)           |
| IC108               | 8-759-186-53 | s IC TC74VHC163F(EL)           |
| IC109               | 8-759-186-53 | s IC TC74VHC163F(EL)           |
| IC110               | 8-759-456-03 | s IC M66256GP-E2               |
| IC111               | 8-759-186-38 | s IC TC74VHC32F(EL)            |
| IC112               | 8-759-519-12 | s IC CXD8281Q                  |
| IC113               | 8-759-172-73 | s IC CXD8385Q                  |
| IC114               | 8-759-271-86 | s IC TC7SH04FU                 |
| IC115               | 8-759-175-27 | s IC TC74VHC574F               |
| IC116               | 8-759-186-30 | s IC TC74VHC14F(EL)            |
| IC201               | 8-741-601-11 | s IC SBX1601A                  |
| IC202               | 8-759-510-71 | s IC UPC358G2-E2               |
| IC203               | 8-759-324-03 | s IC HA17431UA-TL              |
| IC301               | 8-759-483-67 | s IC UPD78011FCW-026           |
| IC303               | 8-759-926-80 | s IC SN74HC573NS               |
| IC304               | 8-759-276-00 | s IC TC7W139FU(Te12R)          |
| L101                | 1-412-533-21 | s INDUCTOR 47uH                |
| L102                | 1-412-533-21 | s INDUCTOR 47uH                |
| L103                | 1-412-533-21 | s INDUCTOR 47uH                |
| L201                | 1-414-102-11 | s INDUCTOR 0.22uH              |
| Q101                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q102                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q103                | 8-729-029-14 | s TRANSISTOR DTC144EUA-T106    |
| Q201                | 8-729-105-68 | s TRANSISTOR 2SC3356-K         |
| Q202                | 8-729-105-68 | s TRANSISTOR 2SC3356-K         |
| Q203                | 8-729-105-68 | s TRANSISTOR 2SC3356-K         |
| Q204                | 8-729-105-68 | s TRANSISTOR 2SC3356-K         |
| Q205                | 8-729-105-68 | s TRANSISTOR 2SC3356-K         |
| Q206                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| Q208                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106    |
| R101                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |

(SDI-28 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R102                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R103                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R104                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R106                | 1-216-295-91 | s RES, CHIP 0               |
| R107                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R109                | 1-216-295-91 | s RES, CHIP 0               |
| R110                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R111                | 1-216-295-91 | s RES, CHIP 0               |
| R112                | 1-216-295-91 | s RES, CHIP 0               |
| R113                | 1-216-295-91 | s RES, CHIP 0               |
| R114                | 1-216-295-91 | s RES, CHIP 0               |
| R115                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R116                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R117                | 1-216-295-91 | s RES, CHIP 0               |
| R118                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R119                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R122                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R127                | 1-216-295-91 | s RES, CHIP 0               |
| R128                | 1-216-295-91 | s RES, CHIP 0               |
| R129                | 1-216-295-91 | s RES, CHIP 0               |
| R130                | 1-216-295-91 | s RES, CHIP 0               |
| R132                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R134                | 1-216-295-91 | s RES, CHIP 0               |
| R136                | 1-216-295-91 | s RES, CHIP 0               |
| R138                | 1-216-295-91 | s RES, CHIP 0               |
| R140                | 1-216-295-91 | s RES, CHIP 0               |
| R145                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R149                | 1-216-295-91 | s RES, CHIP 0               |
| R150                | 1-216-295-91 | s RES, CHIP 0               |
| R151                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R152                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R153                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R154                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R155                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R156                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R158                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R159                | 1-216-295-91 | s RES, CHIP 0               |
| R160                | 1-216-295-91 | s RES, CHIP 0               |
| R173                | 1-216-295-91 | s RES, CHIP 0               |
| R174                | 1-216-295-91 | s RES, CHIP 0               |
| R175                | 1-216-295-91 | s RES, CHIP 0               |
| R176                | 1-216-295-91 | s RES, CHIP 0               |
| R177                | 1-216-295-91 | s RES, CHIP 0               |
| R178                | 1-216-295-91 | s RES, CHIP 0               |
| R179                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R180                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W  |
| R181                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R182                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R183                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W   |
| R201                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R202                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W  |
| R203                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R204                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R205                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R206                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R207                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R208                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |

(SDI-28 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R209                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R210                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R211                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R212                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R213                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R214                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W     |
| R215                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W     |
| R216                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R217                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R218                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R219                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W    |
| R220                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R221                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W    |
| R222                | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W    |
| R224                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W    |
| R225                | 1-216-611-11 | s METAL, CHIP 22 0.5% 1/10W    |
| R226                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W    |
| R228                | 1-216-295-91 | s RES, CHIP 0                  |
| R229                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W     |
| R230                | 1-216-029-00 | s METAL, CHIP 150 5% 1/10W     |
| R231                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W    |
| R232                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W    |
| R233                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W    |
| R234                | 1-216-623-11 | s METAL, CHIP 68 0.5% 1/10W    |
| R235                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R236                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R237                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W     |
| R238                | 1-216-295-91 | s RES, CHIP 0                  |
| R239                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W   |
| R241                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W  |
| R242                | 1-216-295-91 | s RES, CHIP 0                  |
| R243                | 1-216-295-91 | s RES, CHIP 0                  |
| R244                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W   |
| R247                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R248                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R249                | 1-216-653-11 | s METAL, CHIP 1.2k 0.5% 1/10W  |
| R250                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R253                | 1-216-295-91 | s RES, CHIP 0                  |
| R254                | 1-216-295-91 | s RES, CHIP 0                  |
| R255                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R256                | 1-216-295-91 | s RES, CHIP 0                  |
| R301                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R302                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R303                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W    |
| R304                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R307                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R308                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R309                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R310                | 1-216-295-91 | s RES, CHIP 0                  |
| R311                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R312                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R320                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R321                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| RB101               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |
| RB102               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4 |

(SDI-28 BOARD(DSBK-120/120P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| RB103               | 1-239-998-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB104               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100k x 8 |
| RB105               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100k x 8 |
| RB106               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB107               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RB108               | 1-239-412-11 | s RESISTOR BLOCK, CHIP 100 x 4  |
| RV201               | 1-241-262-11 | s RES, ADJ, METAL 2k            |
| X301                | 1-579-175-11 | s RESONATOR, CERAMIC 10.00MHZ   |

**SE-315 BOARD**

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-914-11 | o PRINTED CIRCUIT BOARD, SE-315 |
| CN61                | 1-566-759-11 | o CONNECTOR 4P, MALE            |
| IC1                 | 8-749-012-50 | s IC HEDR-8000                  |
| R1                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |

**SE-361 BOARD**

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 1-662-915-11 | o PRINTED CIRCUIT BOARD, SE-361 |
| CN61                | 1-566-759-11 | o CONNECTOR 4P, MALE            |
| IC1                 | 8-749-012-50 | s IC HEDR-8000                  |
| R1                  | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W      |

**SV-184 BOARD**

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

The parts marked \* are different, depending on the product serial numbers, as shown below:

- \*1) Serial number; 10001 through 10430 (For DSR-80 J)  
Serial number; 10001 through 10470 (For DSR-80 UC)  
Serial number; 10001 through 10320 (For DSR-80P CE)
- \*2) Serial number; 10431 and higher (For DSR-80 J)  
Serial number; 10471 and higher (For DSR-80 UC)  
Serial number; 10321 and higher (For DSR-80P CE)
- \*3) Serial number; 10001 through 10430 (For DSR-80 J)  
Serial number; 10001 through 10970 (For DSR-80 UC)  
Serial number; 10001 through 10620 (For DSR-80P CE)
- \*4) Serial number; 10431 and higher (For DSR-80 J)  
Serial number; 10971 and higher (For DSR-80 UC)  
Serial number; 10621 and higher (For DSR-80P CE)
- \*5) Serial number; 10001 through 10530 (For DSR-80 J)  
Serial number; 10001 through 11450 (For DSR-80 UC)  
Serial number; 10001 through 11020 (For DSR-80P CE)
- \*6) Serial number; 10531 and higher (For DSR-80 J)  
Serial number; 11451 and higher (For DSR-80 UC)  
Serial number; 11021 and higher (For DSR-80P CE)
- \*7) Serial number; 10001 through 10780 (For DSR-80 J)  
Serial number; 10001 through 11750 (For DSR-80 UC)  
Serial number; 10001 through 11470 (For DSR-80P CE)
- \*8) Serial number; 10781 and higher (For DSR-80 J)  
Serial number; 11751 and higher (For DSR-80 UC)  
Serial number; 11471 and higher (For DSR-80P CE)  
Serial number; 10001 and higher (For DSR-80P UC)

|       |              |                                    |
|-------|--------------|------------------------------------|
| 1pc   | A-8312-944-A | s MOUNTED CIRCUIT BOARD, SV-184    |
| 1pc   | 7-621-759-45 | s +PSW, 2.6x6                      |
| 1pc   | 3-179-084-01 | s LEVER (R), PRINTED CIRCUIT BOARD |
| 1pc   | 3-179-085-01 | s LEVER (L), PRINTED CIRCUIT BOARD |
| 13pcs | 7-621-759-65 | s +PSW, 2.6x8                      |

|     |              |                    |
|-----|--------------|--------------------|
| 1pc | 1-528-749-11 | s BATTERY, LITHIUM |
| 1pc | 7-621-759-65 | s +PSW, 2.6x8      |

|    |              |                                 |
|----|--------------|---------------------------------|
| C1 | 1-107-909-11 | s ELECT 47uF 20% 16V            |
| C4 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C5 | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V    |
| C6 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C9 | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V    |

|     |              |                                 |
|-----|--------------|---------------------------------|
| C12 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C13 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C14 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C15 | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C16 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

|     |              |                                |
|-----|--------------|--------------------------------|
| C17 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V        |
| C18 | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V        |
| C19 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C20 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C21 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |

|     |              |                           |
|-----|--------------|---------------------------|
| C22 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C23 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C24 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C25 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C26 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |

|     |              |                           |
|-----|--------------|---------------------------|
| C27 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C28 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C29 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C30 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C31 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |

|     |              |                           |
|-----|--------------|---------------------------|
| C32 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |
| C33 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V |



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| Ref. No.<br>or Q'ty | Part No.     | SP Description                     |
|---------------------|--------------|------------------------------------|
| C34                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C35                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C36                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C37                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C38                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C39                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C40                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C41                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C42                 | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C101                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C102                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C103                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V        |
| C104                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C105                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C106                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V    |
| C107                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C108                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C109                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C110                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C111                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C112                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C114                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C115                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C116                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C119                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V *1)   |
|                     | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V *2)   |
| C120                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V *1)   |
|                     | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V *2)   |
| C121                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V *2)   |
| C122                | 1-163-259-91 | s CERAMIC, CHIP 220pF 5% 50V *2)   |
| C201                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C202                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C205                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C206                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C207                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C208                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C209                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C210                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C211                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V *1) |
| C212                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V       |
| C213                | 1-163-224-11 | s CERAMIC, CHIP 7pF 0.25pF 50V     |
| C214                | 1-163-224-11 | s CERAMIC, CHIP 7pF 0.25pF 50V     |
| C215                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V *1) |
| C216                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C217                | 1-107-909-11 | s ELECT 47uF 20% 16V               |
| C218                | 1-107-909-11 | s ELECT 47uF 20% 16V               |
| C219                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V    |
| C220                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V     |
| C221                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V     |
| C222                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C223                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C225                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V     |
| C226                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V     |
| C227                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C228                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C229                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |
| C230                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V          |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C231                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C232                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C233                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C234                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C235                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C236                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C307                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C314                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C315                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C316                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C317                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C318                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C319                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C320                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C321                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C322                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C323                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C324                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C325                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C326                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C327                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C328                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C329                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C330                | 1-164-695-11 | s CERAMIC, CHIP 0.0022uF 5% 50V |
| C331                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C332                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C333                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C334                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C335                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C336                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C337                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C338                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C339                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C340                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C341                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C342                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C343                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C344                | 1-107-907-11 | s ELECT 22uF 20% 25V            |
| C345                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C346                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C347                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C348                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C349                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C350                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C351                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C352                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C353                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C354                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C355                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C356                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C357                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C358                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C359                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C360                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C361                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C362                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C363                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C364                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C365                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C366                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C367                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C368                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C369                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C370                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C371                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C372                | 1-107-906-11 | s ELECT 10uF 20% 50V            |
| C373                | 1-107-906-11 | s ELECT 10uF 20% 50V            |
| C374                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C375                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C376                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C377                | 1-107-906-11 | s ELECT 10uF 20% 50V            |
| C378                | 1-107-906-11 | s ELECT 10uF 20% 50V            |
| C379                | 1-107-906-11 | s ELECT 10uF 20% 50V            |
| C380                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C381                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C382                | 1-128-526-11 | s ELECT 100uF 20% 16V           |
| C383                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C384                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C385                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C386                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C387                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C388                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C392                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C397                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C398                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C399                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C400                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C401                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C402                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C403                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C404                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C405                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C406                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C407                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C408                | 1-107-909-11 | s ELECT 47uF 20% 16V            |
| C409                | 1-128-526-11 | s ELECT 100uF 20% 16V           |
| C410                | 1-107-909-11 | s ELECT 47uF 20% 16V            |
| C411                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C412                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C413                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C414                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C415                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C416                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C417                | 1-128-526-11 | s ELECT 100uF 20% 16V           |
| C418                | 1-128-526-11 | s ELECT 100uF 20% 16V           |
| C419                | 1-128-526-11 | s ELECT 100uF 20% 16V           |
| C420                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C421                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C422                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C423                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C424                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V       |
| C425                | 1-107-909-11 | s ELECT 47uF 20% 16V            |
| C426                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C427                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C437                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C438                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C439                | 1-104-760-11 | s CERAMIC, CHIP 0.047uF 10% 50V |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C441                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C442                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C443                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C444                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| C445                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V      |
| CN1                 | 1-506-484-11 | s CONNECTOR, 5P, MALE          |
| CN2                 | 1-506-481-11 | s CONNECTOR, 2P, MALE          |
| CNI5                | 1-526-660-21 | o SOCKET, IC 32P               |
| CNI6                | 1-526-660-21 | o SOCKET, IC 32P               |
| D1                  | 8-719-941-86 | s DIODE DAN202U                |
| D2                  | 8-719-941-09 | s DIODE DAP202U                |
| D3                  | 8-719-941-86 | s DIODE DAN202U                |
| D4                  | 8-719-941-09 | s DIODE DAP202U                |
| D5                  | 8-719-941-86 | s DIODE DAN202U                |
| D6                  | 8-719-941-09 | s DIODE DAP202U                |
| D7                  | 8-719-941-86 | s DIODE DAN202U                |
| D8                  | 8-719-941-09 | s DIODE DAP202U                |
| D13                 | 8-719-941-86 | s DIODE DAN202U                |
| D14                 | 8-719-941-09 | s DIODE DAP202U                |
| D15                 | 8-719-941-23 | s DIODE DA204U                 |
| D201                | 8-719-941-86 | s DIODE DAN202U                |
| D202                | 8-719-941-09 | s DIODE DAP202U                |
| D205                | 8-719-941-86 | s DIODE DAN202U                |
| D206                | 8-719-941-09 | s DIODE DAP202U                |
| D207                | 8-719-941-86 | s DIODE DAN202U                |
| D208                | 8-719-941-09 | s DIODE DAP202U                |
| D209                | 8-719-941-86 | s DIODE DAN202U                |
| D210                | 8-719-941-09 | s DIODE DAP202U                |
| D303                | 8-719-800-76 | s DIODE 1SS226                 |
| D304                | 8-719-800-76 | s DIODE 1SS226                 |
| D305                | 8-719-200-02 | s DIODE 10E-2                  |
| D306                | 8-719-200-02 | s DIODE 10E-2                  |
| D307                | 8-719-200-02 | s DIODE 10E-2                  |
| D308                | 8-719-200-02 | s DIODE 10E-2                  |
| D309                | 8-719-200-02 | s DIODE 10E-2                  |
| D310                | 8-719-200-02 | s DIODE 10E-2                  |
| D311                | 8-719-800-76 | s DIODE 1SS226                 |
| E1                  | 1-535-881-21 | o TERMINAL, TP                 |
| E2                  | 1-535-881-21 | o TERMINAL, TP                 |
| E3                  | 1-535-881-21 | o TERMINAL, TP                 |
| FB301               | 1-414-581-21 | s FILTER, NOISE, CHIP          |
| FL1                 | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP    |
| FL2                 | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP    |
| FL3                 | 1-233-674-21 | s FILTER BLOCK, NOISE, CHIP    |
| FL4                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |
| FL5                 | 1-233-314-11 | s FILTER, NOISE, CHIP          |
| IC1                 | 8-759-348-69 | s IC HD6415108RF10             |
| IC2                 | 8-759-254-78 | s IC CY7C185-25VC              |
| IC3                 | 8-759-254-78 | s IC CY7C185-25VC              |
| IC4                 | 8-759-399-65 | s IC M48Z58Y-70MH1TR           |
| IC5                 | 8-759-539-81 | o IC M27C1001-10F1-80SV5-V1.33 |
| IC6                 | 8-759-539-82 | o IC M27C1001-10F1-80SV6-V1.33 |
| IC7                 | 8-759-185-69 | s IC TC74VHC27F(EL)            |
| IC8                 | 8-759-186-29 | s IC TC74VHC11F                |
| IC9                 | 8-759-186-47 | s IC TC74VHC138F(EL)           |
| IC10                | 8-759-186-47 | s IC TC74VHC138F(EL)           |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description         |
|---------------------|----------------|------------------------|
| IC11                | 8-759-186-32   | s IC TC74VHC21F        |
| IC12                | 8-759-081-42   | s IC TC74VHC00F        |
| IC13                | 8-759-186-38   | s IC TC74VHC32F(EL)    |
| IC14                | 8-759-925-76   | s IC SN74HC08NS        |
| IC15                | 8-759-081-44   | s IC TC74VHC04F        |
| IC16                | 8-759-369-92   | s IC M51958AFP600D     |
| IC17                | 8-759-009-05   | s IC MC14051BF         |
| IC18                | 8-759-186-63   | s IC TC74VHC245F(EL)   |
| IC19                | 8-759-186-63   | s IC TC74VHC245F(EL)   |
| IC21                | 8-759-510-71   | s IC UPC358G2-E2       |
| IC23                | 8-759-186-63   | s IC TC74VHC245F(EL)   |
| IC101               | 8-752-343-05   | s IC CXD2202Q          |
| IC102               | 8-759-700-07   | s IC NJM2903M          |
| IC103               | 8-759-927-12   | s IC SN74HCT244ANS     |
| IC104               | 8-759-925-76   | s IC SN74HC08NS        |
| IC105               | 8-759-100-95   | s IC UPC324G2          |
| IC106               | 8-759-175-56   | s IC CXD8804Q          |
| IC107               | 8-759-053-58   | s IC IDT6116SA25S0     |
| IC201               | 8-752-892-26   | s IC CXP912P032Q-3-027 |
| IC202               | 8-759-186-77   | s IC TC74VHC541F       |
| IC203               | 8-759-186-77   | s IC TC74VHC541F       |
| IC204               | 8-759-186-77   | s IC TC74VHC541F       |
| IC205               | 8-759-186-77   | s IC TC74VHC541F       |
| IC206               | 8-759-927-12   | s IC SN74HCT244ANS     |
| IC207               | 8-759-100-95   | s IC UPC324G2          |
| IC208               | 8-759-600-34   | s IC M54532P           |
| IC209               | 8-759-009-07   | s IC MC14053BF         |
| IC210               | 8-759-368-51   | s IC M54523FP          |
| IC302               | 8-759-106-02   | s IC UPC4570G2         |
| IC303               | 8-759-700-07   | s IC NJM2903M          |
| IC304               | 8-759-141-05   | s IC UPC4574G2         |
| IC306               | 8-759-009-07   | s IC MC14053BF         |
| IC308               | 8-759-106-02   | s IC UPC4570G2         |
| IC309               | 8-759-239-23   | s IC SN74HC86NS        |
| IC310               | 8-759-055-82   | s IC M62353GP          |
| IC311               | 8-759-100-95   | s IC UPC324G2          |
| IC312               | 8-759-141-05   | s IC UPC4574G2         |
| IC313               | 8-759-141-05   | s IC UPC4574G2         |
| IC314               | 8-759-141-05   | s IC UPC4574G2         |
| IC315               | 8-759-700-07   | s IC NJM2903M          |
| IC316               | 8-759-106-02   | s IC UPC4570G2         |
| IC317               | 8-759-106-02   | s IC UPC4570G2         |
| IC318               | 8-759-182-84   | s IC PQ05SZ5U          |
| IC319               | 8-759-205-56   | s IC TA7267P           |
| IC320               | 8-759-205-56   | s IC TA7267P           |
| IC321               | 8-759-205-56   | s IC TA7267P           |
| IC323               | 8-759-106-02   | s IC UPC4570G2         |
| IC324               | 8-759-100-95   | s IC UPC324G2          |
| L302                | 1-412-533-21   | s INDUCTOR 47uH        |
| L303                | 1-412-533-21   | s INDUCTOR 47uH        |
| L304                | 1-412-533-21   | s INDUCTOR 47uH        |
| L305                | 1-412-533-21   | s INDUCTOR 47uH        |
| PS302               | △ 1-532-679-00 | s LINK, IC 0.6A        |
| PS303               | △ 1-532-679-00 | s LINK, IC 0.6A        |
| PS304               | △ 1-532-679-00 | s LINK, IC 0.6A        |
| PS305               | △ 1-532-679-00 | s LINK, IC 0.6A        |
| PS306               | △ 1-532-675-21 | s LINK, IC 1.5A        |
| PS307               | △ 1-532-679-00 | s LINK, IC 0.6A        |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| PS308               | △ 1-532-675-21 | s LINK, IC 1.5A               |
| PS309               | △ 1-532-675-21 | s LINK, IC 1.5A               |
| PS310               | △ 1-532-675-21 | s LINK, IC 1.5A               |
| PS311               | △ 1-532-675-21 | s LINK, IC 1.5A               |
| Q1                  | 8-729-216-22   | s TRANSISTOR 2SA1162          |
| Q2                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106   |
| Q3                  | 8-729-028-91   | s TRANSISTOR DTA144EUA-T106   |
| Q201                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6     |
| Q202                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6     |
| Q203                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6     |
| Q204                | 8-729-216-22   | s TRANSISTOR 2SA1162          |
| Q205                | 8-729-120-28   | s TRANSISTOR 2SC1623-L5L6     |
| Q301                | 8-729-029-14   | s TRANSISTOR DTC144EUA-T106   |
| Q302                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y        |
| Q303                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y        |
| Q304                | 8-729-400-12   | s TRANSISTOR 2SB941-P         |
| Q305                | 8-729-209-06   | s TRANSISTOR 2SC4213A-TE85L   |
| Q306                | 8-729-209-06   | s TRANSISTOR 2SC4213A-TE85L   |
| Q307                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y        |
| Q308                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y        |
| Q309                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y        |
| Q310                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y        |
| Q311                | 8-729-112-61   | s TRANSISTOR 2SA1441          |
| Q312                | 8-729-141-18   | s TRANSISTOR 2SC3692          |
| Q313                | 8-729-102-14   | s TRANSISTOR 2SD1021-F        |
| Q314                | 8-729-205-02   | s TRANSISTOR 2SA1150-Y        |
| Q315                | 8-729-112-61   | s TRANSISTOR 2SA1441          |
| Q316                | 8-729-141-18   | s TRANSISTOR 2SC3692          |
| Q317                | 8-729-102-14   | s TRANSISTOR 2SD1021-F        |
| Q318                | 8-729-205-02   | s TRANSISTOR 2SA1150-Y        |
| Q319                | 8-729-112-61   | s TRANSISTOR 2SA1441          |
| Q320                | 8-729-141-18   | s TRANSISTOR 2SC3692          |
| Q321                | 8-729-112-61   | s TRANSISTOR 2SA1441          |
| Q322                | 8-729-141-18   | s TRANSISTOR 2SC3692          |
| Q323                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y        |
| Q324                | 8-729-141-83   | s TRANSISTOR 2SB1094-LK       |
| Q325                | 8-729-265-52   | s TRANSISTOR 2SC2655-Y        |
| Q326                | 8-729-400-12   | s TRANSISTOR 2SB941-P         |
| Q327                | 8-729-021-83   | s TRANSISTOR 2SA1020-Y        |
| Q328                | 8-729-029-14   | s TRANSISTOR DTC144EUA-T106   |
| Q329                | 8-729-029-14   | s TRANSISTOR DTC144EUA-T106   |
| R1                  | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W    |
| R3                  | 1-216-675-11   | s METAL, CHIP 10k 0.5% 1/10W  |
| R5                  | 1-216-675-11   | s METAL, CHIP 10k 0.5% 1/10W  |
| R6                  | 1-216-683-11   | s METAL, CHIP 22k 0.5% 1/10W  |
| R7                  | 1-216-675-11   | s METAL, CHIP 10k 0.5% 1/10W  |
| R8                  | 1-216-687-11   | s METAL, CHIP 33k 0.5% 1/10W  |
| R9                  | 1-216-699-11   | s METAL, CHIP 100k 0.5% 1/10W |
| R10                 | 1-216-699-11   | s METAL, CHIP 100k 0.5% 1/10W |
| R11                 | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W    |
| R12                 | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R13                 | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R17                 | 1-216-683-11   | s METAL, CHIP 22k 0.5% 1/10W  |
| R18                 | 1-218-764-11   | s METAL, CHIP 330k 0.5% 1/10W |
| R19                 | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R20                 | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R21                 | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R22                 | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| R23                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R24                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R29                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R31                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R32                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R33                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R37                 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W     |
| R38                 | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W     |
| R39                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R40                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R42                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W *1)    |
| R43                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W *1)    |
| R44                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W *1)    |
| R45                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W *1)    |
| R46                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R48                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R49                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R50                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R51                 | 1-216-295-91 | s RES, CHIP 0                    |
| R52                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R54                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R55                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R56                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R57                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R58                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R59                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R60                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R61                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R62                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R63                 | 1-216-295-91 | s RES, CHIP 0                    |
| R64                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R65                 | 1-216-295-91 | s RES, CHIP 0                    |
| R68                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R69                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R70                 | 1-216-626-11 | s METAL, CHIP 91 0.5% 1/10W *5)  |
|                     | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W *6) |
| R71                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W      |
| R72                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R73                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R75                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R76                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R77                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W       |
| R78                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R79                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R80                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R81                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R82                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R83                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R84                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R85                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R86                 | 1-216-295-91 | s RES, CHIP 0                    |
| R87                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R88                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| R89                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R90                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R91                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R92                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R93                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R94                 | 1-216-295-91 | s RES, CHIP 0                  |
| R95                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R101                | 1-216-295-91 | s RES, CHIP 0 *1)              |
|                     | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W *2) |
| R102                | 1-216-295-91 | s RES, CHIP 0 *1)              |
|                     | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W *2) |
| R103                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R104                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R105                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R106                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R107                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R108                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R109                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R110                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W    |
| R111                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R112                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R113                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R114                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R116                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R117                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R118                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R119                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R120                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R121                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R122                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R123                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R124                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R125                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R126                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R127                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R128                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R129                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W *1) |
| R130                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R135                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R136                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R137                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R138                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R139                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R140                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R141                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R142                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R143                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R144                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R145                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R146                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R147                | 1-216-295-91 | s RES, CHIP 0                  |
| R148                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R149                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W     |
| R150                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R151                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R152                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W     |
| R153                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R154                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |
| R155                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W     |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R156                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R157                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R158                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R159                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R160                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R161                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R162                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R163                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R164                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R165                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R166                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R167                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R168                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R170                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R171                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R172                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R173                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R176                | 1-216-295-91 | s RES, CHIP 0               |
| R177                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R178                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R179                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R180                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W   |
| R181                | 1-216-022-00 | s METAL, CHIP 75 5% 1/10W   |
| R182                | 1-216-295-91 | s RES, CHIP 0               |
|                     | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R183                | 1-216-295-91 | s RES, CHIP 0               |
|                     | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |
| R201                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R205                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R206                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R207                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R208                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R209                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R213                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R215                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R216                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R218                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R219                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R220                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R221                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R222                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R223                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R224                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R225                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R226                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R227                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R228                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R229                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R231                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R235                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R237                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R238                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R239                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R240                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R241                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R243                | 1-216-295-91 | s RES, CHIP 0               |
| R244                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R245                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R246                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R247                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R248                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R249                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R250                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R251                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R252                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R253                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R256                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R257                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R258                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R260                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R261                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R262                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R263                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R264                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R266                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R267                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R268                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R271                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R272                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R273                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R274                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R275                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R276                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R277                | 1-216-295-91 | s RES, CHIP 0               |
| R278                | 1-216-295-91 | s RES, CHIP 0               |
| R279                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R280                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R281                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |
| R282                | 1-216-075-00 | s METAL, CHIP 12k 5% 1/10W  |
| R283                | 1-216-068-00 | s METAL, CHIP 6.2k 5% 1/10W |
| R284                | 1-216-295-91 | s RES, CHIP 0               |
| R285                | 1-216-295-91 | s RES, CHIP 0               |
| R286                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R287                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R288                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R289                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R290                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R291                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R292                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R296                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R297                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R315                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R318                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R320                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R322                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R323                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R324                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R325                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R327                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R329                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R330                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R331                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R332                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R333                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R335                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R336                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R337                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W  |
| R338                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W  |
| R339                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R340                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R341                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R342                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R343                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R344                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R345                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R346                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R347                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W  |
| R348                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R349                | 1-215-863-11 | s METAL 100 5% 1W            |
| R350                | 1-215-863-11 | s METAL 100 5% 1W            |
| R351                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W   |
| R352                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R353                | 1-216-103-00 | s METAL, CHIP 180k 5% 1/10W  |
| R354                | 1-216-383-11 | s METAL 0.33 5% 3W           |
| R355                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R356                | 1-216-365-00 | s METAL 0.47 5% 2W           |
| R357                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R358                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R359                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R360                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R361                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R362                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R363                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R364                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R365                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R366                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |
| R367                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |
| R368                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R369                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R370                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R371                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W  |
| R372                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R373                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R374                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R375                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R376                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R377                | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W |
| R378                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R379                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |

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| Ref. No.<br>or Q'ty | Part No.     | SP Description               |     |
|---------------------|--------------|------------------------------|-----|
| R380                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R381                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R382                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |     |
| R383                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W  |     |
| R384                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |     |
| R385                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W    |     |
| R386                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R388                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R389                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R390                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R391                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R392                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R393                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R394                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R395                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R396                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R397                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R398                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R399                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R400                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R401                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R402                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R403                | 1-215-889-00 | s METAL 330 5% 2W            |     |
| R404                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R405                | 1-215-863-11 | s METAL 100 5% 1W            |     |
| R406                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R407                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R408                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R409                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |     |
| R410                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R411                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |
| R412                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R413                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |     |
| R414                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R415                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |
| R416                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R417                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |
| R418                | 1-216-365-00 | s METAL 0.47 5% 2W           |     |
| R419                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |
| R420                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |
| R421                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |     |
| R422                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   | *3) |
|                     | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W | *4) |
| R423                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   | *3) |
|                     | 1-216-675-11 | s METAL, CHIP 10k 0.5% 1/10W | *4) |



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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R424                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R425                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R426                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R427                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R428                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R429                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R430                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R431                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R432                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R433                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R434                | 1-216-365-00 s | METAL 0.47 5% 2W            |
| R435                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R436                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R437                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R438                | 1-216-365-00 s | METAL 0.47 5% 2W            |
| R439                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R440                | 1-216-001-00 s | METAL, CHIP 10 5% 1/10W     |
| R441                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R442                | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R443                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R444                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R445                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R446                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R447                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R448                | 1-216-691-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R449                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R450                | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R451                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R452                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W |
| R453                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R454                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R455                | 1-215-866-11 s | METAL, CHIP 330 5% 1W       |
| R456                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R457                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R458                | 1-218-764-11 s | METAL 330k 0.5% 1/10W       |
| R459                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-247-839-11 s | CARBON 2.2k 5% 1/4W         |
| R460                | 1-218-764-11 s | METAL 330k 0.5% 1/10W       |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R461                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R462                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R463                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R464                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R465                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R466                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R467                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R468                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R469                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W   |
| R470                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R471                | 1-215-863-11 s | METAL 100 5% 1W             |
| R472                | 1-215-867-00 s | METAL 470 5% 1W             |
| R473                | 1-215-868-00 s | METAL 680 5% 1W             |
| R474                | 1-216-383-11 s | METAL 0.33 5% 3W            |
| R475                | 1-216-383-11 s | METAL 0.33 5% 3W            |
| R476                | 1-216-383-11 s | METAL 0.33 5% 3W            |
| R477                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R478                | 1-216-385-11 s | METAL 0.47 5% 3W            |
| R479                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R480                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R481                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R482                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R483                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-247-839-11 s | CARBON 2.2k 5% 1/4W         |
| R500                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R501                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R502                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R503                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R504                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R505                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R506                | 1-216-065-91 s | METAL, CHIP 4.7k 5% 1/10W   |
| R507                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R508                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
|                     | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R509                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R510                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R511                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
|                     | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R512                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R513                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R514                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
|                     | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |

(SV-184 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |     |
|---------------------|----------------|-------------------------------|-----|
| R515                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      | *3) |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W    | *4) |
| R516                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      | *3) |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W    | *4) |
| R517                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W     | *3) |
|                     | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W   | *4) |
| R518                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      | *3) |
|                     | 1-216-675-11 s | METAL, CHIP 10k 0.5% 1/10W    | *4) |
| RB1                 | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB2                 | 1-236-904-11 s | RESISTOR BLOCK, CHIP 1k x 4   | *1) |
| RB102               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB103               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8  |     |
| RB104               | 1-239-308-11 s | RESISTOR BLOCK, CHIP 47k x 8  | *2) |
| RB201               | 1-239-389-11 s | RESISTOR BLOCK, CHIP 47k x 4  |     |
| RB262               | 1-239-309-11 s | RESISTOR BLOCK, CHIP 100k x 8 | *1) |
| S101                | 1-692-536-11 s | SWITCH, DIP, CHIP 8-CKT       |     |
| S201                | 1-692-535-11 s | SWITCH, DIP, CHIP 4-CKT       |     |
| TP1                 | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP6                 | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP7                 | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP101               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP102               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP103               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP104               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP105               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP106               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP107               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP108               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP201               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP202               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP203               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP204               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP205               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP206               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP207               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP208               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP301               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP303               | 1-535-881-21 o | TERMINAL, TP                  |     |
| TP305               | 1-535-881-21 o | TERMINAL, TP                  |     |
| X1                  | 1-579-996-21 s | VIBRATOR, CERAMIC 20.0MHz     |     |
| X101                | 1-579-996-21 s | VIBRATOR, CERAMIC 20.0MHz     |     |
| X201                | 1-579-996-21 s | VIBRATOR, CERAMIC 20.0MHz     |     |

SY-241 BOARD

| Ref. No.<br>or Q'ty   | Part No.       | SP Description                   |
|---|----------------|----------------------------------|
| The parts marked * are different, depending on the product serial numbers, as shown below:  |                |                                  |
| *1) Serial number; 10001 through 10430 (For DSR-80 J)<br>Serial number; 10001 through 10470 (For DSR-80 UC)<br>Serial number; 10001 through 10320 (For DSR-80P CE)  |                |                                  |
| *2) Serial number; 10431 and higher (For DSR-80 J)<br>Serial number; 10471 and higher (For DSR-80 UC)<br>Serial number; 10321 and higher (For DSR-80P CE)<br>Serial number; 10001 and higher (For DSR-80P UC) |                |                                  |
| lpc   | A-8315-284-A s | MOUNTED CIRCUIT BOARD, SY-241    |
| lpc   | 7-621-759-45 s | +PSW, 2.6x6                      |
| lpc   | 3-179-084-01 s | LEVER (R), PRINTED CIRCUIT BOARD |
| lpc   | 3-179-085-01 s | LEVER (L), PRINTED CIRCUIT BOARD |
| C101  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C102  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C103  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C104  | 1-126-947-11 s | ELECT 47uF 20% 35V               |
| C105  | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C106  | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C107  | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C108  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C109  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C110  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C111  | 1-126-933-11 s | ELECT 100uF 20% 16V              |
| C112  | 1-107-689-21 s | TANTALUM, CHIP 1uF 20% 35V       |
| C113  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C114  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C115  | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V       |
| C116  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C117  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C118  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C119  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C120  | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V        |
| C121  | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V        |
| C122  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C123  | 1-104-664-11 s | ELECT 47uF 20% 25V               |
| C124  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C125  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C126  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C127  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C128  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C201  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C202  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C203  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C204  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C205  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C206  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C207  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C208  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C209  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C210  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C213  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C214  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C301  | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V       |
| C302  | 1-104-664-11 s | ELECT 47uF 20% 25V               |
| C303  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C304  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |
| C305  | 1-163-038-91 s | CERAMIC, CHIP 0.1uF 25V          |

(SY-241 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C306                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C307                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C308                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C309                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C310                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C311                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C312                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C313                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C314                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C315                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C316                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C317                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C318                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C319                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C320                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C321                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C322                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C323                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C401                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C402                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C403                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C404                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C408                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C409                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C410                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C412                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C414                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C415                | 1-163-038-91 | s CERAMIC, CHIP 0.1uF 25V        |
| C417                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C418                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| CN1                 | 1-778-889-11 | o CONNECTOR, BB 34P, FEMALE      |
| CN2                 | 1-565-879-11 | s CONNECTOR 7P, MALE             |
| CNI102              | 1-526-660-21 | o SOCKET, IC 32P                 |
| CNI103              | 1-526-660-21 | o SOCKET, IC 32P                 |
| CNI316              | 1-526-660-21 | o SOCKET, IC 32P                 |
| CNI317              | 1-526-660-21 | o SOCKET, IC 32P                 |
| CV101               | 1-141-389-11 | s CAP, TRIMMER 50pF              |
| E101                | 1-535-881-21 | o TERMINAL, TP                   |
| E301                | 1-535-881-21 | o TERMINAL, TP                   |
| E302                | 1-535-881-21 | o TERMINAL, TP                   |
| FB101               | 1-412-364-11 | s FILTER, NOISE, CHIP            |
| FL301               | 1-233-314-11 | s FILTER, NOISE, CHIP            |
| FL302               | 1-233-314-11 | s FILTER, NOISE, CHIP            |
| FL303               | 1-239-719-11 | s FILTER, NOISE, CHIP            |
| IC101               | 8-759-525-99 | s IC HD6437021SC02X              |
| IC102               | 8-759-539-75 | o IC M27C1001-70F1-85SY102-V1.31 |
| IC103               | 8-759-539-76 | o IC M27C1001-70F1-85SY103-V1.31 |
| IC104               | 8-759-479-32 | s IC SN75C1168NS-E05             |
| IC105               | 8-759-192-25 | s IC UPD6453GT-635-E2            |
| IC106               | 8-759-186-44 | s IC TC74VHC125F                 |
| IC107               | 8-759-186-47 | s IC TC74VHC138F(EL)             |
| IC108               | 8-759-186-47 | s IC TC74VHC138F(EL)             |
| IC109               | 8-759-296-24 | s IC CY7C199-20VC                |
| IC110               | 8-759-296-24 | s IC CY7C199-20VC                |
| IC111               | 8-759-186-84 | s IC TC74VHC86F(EL)              |
| IC112               | 8-759-081-44 | s IC TC74VHC04F                  |

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| Ref. No.<br>or Q'ty | Part No.       | SP Description                   |     |
|---------------------|----------------|----------------------------------|-----|
| IC113               | 8-759-369-92   | s IC M51958AFP600D               |     |
| IC114               | 8-759-074-51   | s IC S-8054HNM-CQ-T1             | *2) |
| IC201               | 8-759-186-47   | s IC TC74VHC138F(EL)             |     |
| IC202               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC203               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC204               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC206               | 8-759-186-32   | s IC TC74VHC21F                  |     |
| IC208               | 8-759-053-58   | s IC IDT6116SA25S0               |     |
| IC209               | 8-759-095-41   | s IC CXD8176AQ                   |     |
| IC210               | 8-759-053-58   | s IC IDT6116SA25S0               |     |
| IC211               | 8-759-095-41   | s IC CXD8176AQ                   |     |
| IC212               | 8-759-926-69   | s IC SN74HC377ANS                |     |
| IC213               | 8-759-186-77   | s IC TC74VHC541F                 |     |
| IC214               | 8-759-186-44   | s IC TC74VHC125F                 |     |
| IC301               | 8-759-186-38   | s IC TC74VHC32F(EL)              |     |
| IC302               | 8-759-186-77   | s IC TC74VHC541F                 |     |
| IC307               | 8-759-466-16   | s IC IDT7164S20Y-TL              |     |
| IC308               | 8-759-466-16   | s IC IDT7164S20Y-TL              |     |
| IC309               | 8-759-186-47   | s IC TC74VHC138F(EL)             |     |
| IC310               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC311               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC312               | 8-759-186-63   | s IC TC74VHC245F(EL)             |     |
| IC313               | 8-759-175-29   | s IC TC74VHC374F                 |     |
| IC314               | 8-759-175-29   | s IC TC74VHC374F                 |     |
| IC315               | 8-759-525-99   | s IC HD6437021SC02X              |     |
| IC316               | 8-759-539-83   | o IC M27C1001-70F1-80SY316-V1.32 |     |
| IC317               | 8-759-539-84   | o IC M27C1001-70F1-80SY317-V1.32 |     |
| IC401               | 8-759-254-78   | s IC CY7C185-25VC                |     |
| IC402               | 8-759-175-56   | s IC CXD8804Q                    |     |
| IC403               | 8-759-186-77   | s IC TC74VHC541F                 |     |
| IC404               | 8-759-186-77   | s IC TC74VHC541F                 |     |
| IC405               | 8-759-927-12   | s IC SN74HCT244ANS               |     |
| IC410               | 8-759-254-78   | s IC CY7C185-25VC                |     |
| IC411               | 8-759-175-56   | s IC CXD8804Q                    |     |
| IC412               | 8-759-186-77   | s IC TC74VHC541F                 |     |
| IC414               | 8-759-927-12   | s IC SN74HCT244ANS               |     |
| L101                | 1-412-533-21   | s INDUCTOR 47uH                  |     |
| L102                | 1-412-533-21   | s INDUCTOR 47uH                  |     |
| L103                | 1-408-779-41   | s INDUCTOR, CHIP 15uH            |     |
| PS101               | Δ 1-532-679-00 | s LINK, IC 0.6A                  |     |
| PS102               | Δ 1-532-675-21 | s LINK, IC 1.5A                  |     |
| PS103               | Δ 1-532-679-00 | s LINK, IC 0.6A                  |     |
| Q101                | 8-729-029-14   | s TRANSISTOR DTC144EUA-T106      |     |
| Q401                | 8-729-029-14   | s TRANSISTOR DTC144EUA-T106      |     |
| R101                | 1-216-295-91   | s RES, CHIP 0                    |     |
| R102                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W       |     |
| R103                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W        |     |
| R104                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W       |     |
| R105                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W        |     |
| R106                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W      |     |
| R107                | 1-216-089-91   | s METAL, CHIP 47k 5% 1/10W       |     |
| R108                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W      |     |
| R109                | 1-216-077-00   | s METAL, CHIP 15k 5% 1/10W       |     |
| R110                | 1-216-077-00   | s METAL, CHIP 15k 5% 1/10W       |     |
| R111                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W      |     |
| R112                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W      |     |
| R113                | 1-216-689-11   | s METAL, CHIP 39k 0.5% 1/10W     | *1) |

(SY-241 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
|                     | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R114                | 1-216-680-11 | s METAL, CHIP 16k 0.5% 1/10W |
| R115                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R116                | 1-216-295-91 | s RES, CHIP 0                |
| R117                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R118                | 1-216-295-91 | s RES, CHIP 0                |
| R119                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R120                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R121                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R122                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R123                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R124                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| R129                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R130                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R131                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R132                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R133                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R134                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R135                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R136                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R137                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R138                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R140                | 1-216-295-91 | s RES, CHIP 0                |
| R141                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R142                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R143                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R144                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R145                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R146                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R147                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R148                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R149                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R201                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R202                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R203                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R204                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R205                | 1-216-295-91 | s RES, CHIP 0                |
| R206                | 1-216-295-91 | s RES, CHIP 0                |
| R219                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R220                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R301                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R302                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R303                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R304                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R305                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R307                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R308                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R309                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R317                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R318                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R321                | 1-216-295-91 | s RES, CHIP 0                |
| R324                | 1-216-295-91 | s RES, CHIP 0                |
| R325                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R326                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R327                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R328                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |

(SY-241 BOARD)

| Ref. No.<br>or Q'ty | Part No. | SP Description                              |
|---------------------|----------|---|
| *2)                 | R329     | 1-216-017-91 s METAL, CHIP 47 5% 1/10W      |
| *1)                 | R330     | 1-216-017-91 s METAL, CHIP 47 5% 1/10W      |
|                     | R331     | 1-216-017-91 s METAL, CHIP 47 5% 1/10W      |
|                     | R332     | 1-216-022-00 s METAL, CHIP 75 5% 1/10W      |
|                     | R401     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R402     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W     |
|                     | R403     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R404     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W     |
|                     | R405     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R406     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R407     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R408     | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W     |
|                     | R409     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R410     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W     |
|                     | R411     | 1-216-089-91 s METAL, CHIP 47k 5% 1/10W     |
|                     | R412     | 1-216-025-91 s METAL, CHIP 100 5% 1/10W     |
|                     | R413     | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W     |
|                     | R414     | 1-216-073-00 s METAL, CHIP 10k 5% 1/10W     |
|                     | R415     | 1-216-022-00 s METAL, CHIP 75 5% 1/10W      |
|                     | R416     | 1-216-022-00 s METAL, CHIP 75 5% 1/10W      |
|                     | RB101    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB102    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB202    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB204    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB301    | 1-239-389-11 s RESISTOR BLOCK, CHIP 47k x 4 |
|                     | RB302    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB303    | 1-239-998-11 s RESISTOR BLOCK, CHIP 100 x 4 |
|                     | RB304    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB305    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB306    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB307    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB401    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB402    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB404    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB405    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB406    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB407    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB408    | 1-239-308-11 s RESISTOR BLOCK, CHIP 47k x 8 |
|                     | RB410    | 1-236-908-11 s RESISTOR BLOCK, CHIP 10k x 4 |
|                     | RB411    | 1-236-908-11 s RESISTOR BLOCK, CHIP 10k x 4 |
|                     | RB412    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB413    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB414    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | RB415    | 1-239-999-11 s RESISTOR BLOCK, CHIP 1k x 4  |
|                     | S101     | 1-572-473-11 s SWITCH, PUSH                 |
|                     | S201     | 1-692-535-11 s SWITCH, DIP, CHIP 4-CKT      |
|                     | X101     | 1-767-559-11 s CRYSTAL, CHIP 19.6608MHz     |
|                     | X301     | 1-579-996-21 s VIBRATOR, CERAMIC 20.0MHz    |

## TC-90 BOARD(DSBK-130/130P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | 4-812-134-11 | s RIVET (DIA. 3.5), NYLON       |
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6                   |
| C100                | 1-124-584-00 | s ELECT 100uF 20% 10V           |
| C101                | 1-124-584-00 | s ELECT 100uF 20% 10V           |
| C102                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C103                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C104                | 1-124-261-00 | s ELECT 10uF 20% 50V            |
| C105                | 1-124-261-00 | s ELECT 10uF 20% 50V            |
| C106                | 1-128-499-11 | s ELECT 220uF 20% 16V           |
| C107                | 1-124-584-00 | s ELECT 100uF 20% 10V           |
| C108                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C109                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C110                | 1-163-021-91 | s CERAMIC, CHIP 0.01uF 10% 50V  |
| C111                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C112                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C113                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C114                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C115                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C116                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C117                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C118                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C119                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C120                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C121                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C122                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C123                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| C124                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V |
| CN1                 | 1-778-888-11 | o CONNECTOR, BB 34P, MALE       |
| D100                | 8-719-941-23 | s DIODE DA204U                  |
| D101                | 8-719-941-23 | s DIODE DA204U                  |
| D102                | 8-719-941-23 | s DIODE DA204U                  |
| D103                | 8-719-941-23 | s DIODE DA204U                  |
| D104                | 8-719-941-23 | s DIODE DA204U                  |
| D105                | 8-719-941-23 | s DIODE DA204U                  |
| IC100               | 8-759-031-84 | s IC SC7S04F                    |
| IC101               | 8-759-100-96 | s IC UPC4558G2                  |
| IC102               | 8-759-186-38 | s IC TC74VHC32F(EL)             |
| IC103               | 8-759-369-73 | s IC NJM4556AM                  |
| IC104               | 8-759-186-77 | s IC TC74VHC541F                |
| IC105               | 8-759-700-07 | s IC NJM2903M                   |
| IC106               | 8-759-175-77 | s IC CXD8384Q                   |
| IC107               | 8-759-186-57 | s IC TC74VHC175F                |
| Q100                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106     |
| Q101                | 8-729-028-91 | s TRANSISTOR DTA144EUA-T106     |
| Q102                | 8-729-422-44 | s TRANSISTOR 2SK663             |
| Q103                | 8-729-422-44 | s TRANSISTOR 2SK663             |
| R100                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W   |
| R101                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W    |
| R102                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W      |
| R103                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W    |
| R104                | 1-216-691-11 | s METAL, CHIP 47k 0.5% 1/10W    |
| R105                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R106                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W   |
| R107                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W   |
| R108                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W     |
| R109                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W   |

## (TC-90 BOARD(DSBK-130/130P))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R110                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R111                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R112                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R113                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R114                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R115                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R116                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R117                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R118                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R119                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R120                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R121                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R122                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R123                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R124                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R125                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R127                | 1-216-065-91 | s METAL, CHIP 4.7k 5% 1/10W   |
| R128                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R129                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R131                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R132                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R133                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R134                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R135                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R136                | 1-216-295-91 | s RES, CHIP 0                 |
| R137                | 1-216-295-91 | s RES, CHIP 0                 |
| R138                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R139                | 1-216-295-91 | s RES, CHIP 0                 |
| R140                | 1-216-295-91 | s RES, CHIP 0                 |
| R141                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R142                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R143                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R144                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R145                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R146                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R147                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| X100                | 1-579-993-21 | s CRYSTAL 13.5MHZ             |

## TR-93 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description       |
|---------------------|--------------|----------------------|
| 1pc                 | 3-182-257-02 | s HOLDER, DME        |
| CN31                | 1-566-759-11 | o CONNECTOR 4P, MALE |
| DM230               | 8-745-001-07 | s DME DM-230-1       |

**FRAME(DSR-80/80P)**

| Ref. No.<br>or Q'ty | Part No.         | SP Description  |
|---------------------|------------------|---|
| 1pc                 | 1-241-577-11 s   | RES, VAR, CARBON 20k/20k  |
| 2pcs                | 1-454-337-21 s   | SOLENOID  |
| 2pcs                | 1-454-787-12 s   | SOLENOID  |
| 1pc                 | Δ 1-468-214-12 s | REGULATOR, SWITCHING [for NTSC]   |
| 1pc                 | Δ 1-468-214-22 s | REGULATOR, SWITCHING [for PAL]  |
| 1pc                 | 1-500-051-11 s   | BEAD, FERRITE (DETOUCHABLE)   |
| 1pc                 | 1-507-743-21 s   | JACK, MINI STEREO   |
| 1pc                 | 1-698-785-21 s   | MOTOR, FAN, DC  |
| 2pcs                | 1-698-847-12 s   | MOTOR, DC (REEL)  |
| 1pc                 | 1-698-881-11 s   | MOTOR, DC (CAPSTAN)   |
| 1pc                 | 1-750-881-11 s   | ADAPTOR, BNC-MINI COAX  |
| 1pc                 | 1-762-551-11 s   | SWITCH, PUSH  |
| 1pc                 | 1-801-573-12 s   | SENSOR, CONDENSATION  |
| 1pc                 | 1-777-529-31 s   | CABLE COAXIAL-MINI 600mm<br>(CN100/SDI-26 board to QSDI IN/rear panel)  |
| 1pc                 | 1-777-529-41 s   | CABLE COAXIAL-MINI 600mm<br>(CN500/SDI-26 board to QSDI OUT/rear panel)   |
| 1pc                 | 1-777-531-12 s   | WIRE, FLEXIBLE CARD 11P<br>(CN724/FP-75 board to CN714/KY-336 board)  |
| 2pcs                | 1-777-532-11 s   | WIRE, FLEXIBLE CARD 36P<br>(CN203/MS-43 board to CN503/MB-712 board)<br>(CN206/MS-43 board to CN506/MB-712 board) |
| 1pc                 | 1-777-533-11 s   | WIRE, FLEXIBLE CARD 13P<br>(CN50/CC-75 board to CN505/MB-712 board)   |
| 1pc                 | 1-777-534-11 s   | WIRE, FLEXIBLE CARD 9P<br>(CN204/MS-43 board to CN11/RM-159 board)  |
| 1pc                 | 1-777-537-11 s   | WIRE, FLEXIBLE CARD 36P<br>(CN712/KY-336B board to CN702/MB-712 board)  |
| 1pc                 | 1-777-731-11 s   | WIRE, FLEXIBLE CARD 9P<br>(CN209/MS-43 board to CN15/RM-160 board)  |
| 2pcs                | 1-782-419-11 s   | WIRE, FLEXIBLE CARD 22P<br>(CN2/PRE-34 board to CN801/MB-712 board)<br>(CN3/PRE-34 board to CN802/MB-712 board)   |

**HARNESS, SUB (FG)**

(CN12/RM-159 board to CN41/SE-315 board)  
(CN16/RM-159 board to CN61/SE-315 board)  
2pcs 1-956-616-11 o HARNESS, SUB (FG)

**HARNESS, SUB (THREADING)**

(CN211/MS-43 board to CN21/PTC-88 board)  
1pc 1-956-617-11 o HARNESS, SUB (THREADING)

**HARNESS, SUB (HP-MB)**

(CN731/HP-73 board to CN701/MB-712 board)  
1pc 1-956-618-11 o HARNESS, SUB (HP-MB)

**HARNESS, SUB (1TREG)**

(CN24/PTC-86 board to CN31/TR-93 board)  
1pc 1-956-620-11 o HARNESS, SUB (1TREG)

**HARNESS, SUB (TH/UNTH)**

(CN221/MS-43 board to CN220/PTC-84 board)  
1pc 1-956-623-13 o HARNESS, SUB (TH/UNTH)

**HARNESS, SUB (AC SW)**

(CN903 and CN904/MB-712 board to CN4 and CN5/switching regulator)  
1pc 1-956-621-11 s HARNESS, SUB (AC SW)  
S1001 Δ 1-570-117-31 s SWITCH, ROCKER

**FRAME(DSBK-120/120P)**

| Ref. No.<br>or Q'ty | Part No.       | SP Description   |
|---------------------|----------------|--|
| 2pcs                | 1-500-051-11 s | BEAD, FERRITE (DETOUCHABLE)                                    |
| 2pcs                | 1-750-881-11 s | ADAPTOR, BNC-MINI COAX   |
| 1pc                 | 1-777-529-11 s | CABLE, COAXIAL<br>(CN201/SDI-28 board to SDI IN/rear panel)    |
| 1pc                 | 1-777-529-21 s | CABLE, COAXIAL<br>(CN202/SDI-28 board to SDI IN/rear panel)    |
| 1pc                 | 1-777-529-51 s | CABLE, MINI-COAX<br>(CN101/SDI-27 board to SDI OUT/rear panel) |
| 1pc                 | 1-777-529-61 s | CABLE, MINI-COAX<br>(CN102/SDI-27 board to SDI OUT/rear panel) |



## 15-7. PACKING MATERIALS & SUPPLIED ACCESSORIES (DSR-80/80P)

### SUPPLIED ACCESSORIES(DSR-80/80P)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                                |
|---------------------|----------------|---|
| 1pc                 | Δ 1-551-812-11 | s CORD, POWER 3P(for UC)                      |
| 1pc                 | Δ 1-557-161-11 | s CORD, POWER 2P(for J)                       |
| 1pc                 | Δ 1-782-929-11 | s CORD, POWER 3P(for CE)                      |
| 1pc                 | 3-704-355-01   | o SHEET (STANDARD), PROTECTION                |
| 1pc                 | 3-860-358-02   | s MANUAL, INSTRUCTION<br>(Japanese, for J)    |
| 1pc                 | 3-860-358-13   | s MANUAL, INSTRUCTION<br>(English, for UC,CE) |
| 1pc                 | 3-860-358-23   | s MANUAL, INSTRUCTION<br>(French, for UC,CE)  |
| 1pc                 | 3-860-358-33   | s MANUAL, INSTRUCTION<br>(German, for CE)     |
| 1pc                 | 3-860-358-43   | s MANUAL, INSTRUCTION<br>(Italian, for CE)    |

### SUPPLIED ACCESSORIES(DSBK-120/120P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description |
|---------------------|--------------|----------------|
| 4pcs                | 7-621-759-45 | s +PSW, 2.6x6  |

### SUPPLIED ACCESSORIES(DSBK-130/130P)

| Ref. No.<br>or Q'ty | Part No.     | SP Description |
|---------------------|--------------|----------------|
| 2pcs                | 7-621-759-45 | s +PSW, 2.6x6  |

## 15-8. OPTIONAL FIXTURES (DSR-80/80P)

Part No. SP Description

|              |                                      |
|--------------|--------------------------------------|
| J-6080-029-A | o SMALL DENTAL MIRROR                |
| J-6082-373-A | o DV TORQUE CASSETTE                 |
| J-6325-400-A | o TORQUE DRIVER (3kg/cm)             |
| J-6440-850-A | o TAPE GUIDE ADJUSTMENT DRIVER       |
| J-6442-570-A | o REEL TABLE HEIGHT GAUGE            |
| J-6442-470-A | o REEL TABLE REFERENCE PLATE         |
| J-6442-170-A | o BREAK TORQUE GAUGE (CW)            |
| J-6442-460-A | o BREAK TORQUE GAUGE (CCW)           |
| J-6442-620-A | o EXTENSION BOARD, DJ-260            |
| J-6443-360-A | o D COVER                            |
| 3-184-527-01 | o CLEANING CLOTH                     |
| 7-651-000-10 | o GREASE, SGL-601 (NET 50g)          |
| 7-661-018-18 | o DIAMOND OIL NT-68                  |
| 7-700-736-06 | o L SHAPED HEXAGON WRENCH (S=0.89mm) |
| 7-700-751-01 | o NUTDRIVER (S=4.5mm)                |
| 8-967-999-02 | o ALIGNMENT TAPE, XH2-LAST           |
| 8-967-999-21 | o ALIGNMENT TAPE, XH5-1A (for NTSC)  |
| 8-967-999-25 | o ALIGNMENT TAPE, XH5-1AP (for PAL)  |
| 9-911-053-00 | o THICKNESS GAUGE                    |
| 9-919-573-01 | o CLEANING LIQUID                    |

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## SAFETY CHECK-OUT

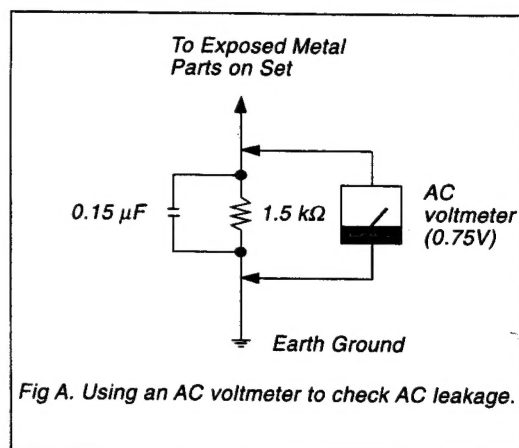
After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

## LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



(UC model only)